STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER RW 44-25B	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** RED WASH
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME** RED WASH
6. NAME OF OPERATOR QEP ENERGY COMPANY	**7. OPERATOR PHONE** 303 308-3068
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078	**9. OPERATOR E-MAIL** debbie.stanberry@questar.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU0823	**11. MINERAL OWNERSHIP** FEDERAL ● INDIAN ○ STATE ○ FEE ○
12. SURFACE OWNERSHIP FEDERAL ● INDIAN ○ STATE ○ FEE ○	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●
19. SLANT VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	645 FSL 813 FEL	SESE	25	7.0 S	23.0 E	S
Top of Uppermost Producing Zone	645 FSL 813 FEL	SESE	25	7.0 S	23.0 E	S
At Total Depth	645 FSL 813 FEL	SESE	25	7.0 S	23.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 645	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1250	**26. PROPOSED DEPTH** MD: 10294 TVD: 10294
27. ELEVATION - GROUND LEVEL 5550	**28. BOND NUMBER** ESB000024	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** A-36125/ 49-2153

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	9.625	0 - 3369	36.0	N-80 LT&C	0.0	Halliburton Light , Type Unknown	440	3.12	11.0
							Halliburton Premium , Type Unknown	180	1.47	13.5
PROD	7.875	4.5	0 - 10294	11.6	HCP-110 LT&C	10.5	Halliburton Light , Type Unknown	650	3.18	11.0
							Halliburton Premium , Type Unknown	530	1.65	13.5

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Valyn Davis	**TITLE** Regulatory Affairs Analyst	**PHONE** 435 781-4369
SIGNATURE	**DATE** 06/28/2011	**EMAIL** Valyn.Davis@qepres.com

API NUMBER ASSIGNED
43047517190000

APPROVAL

Permit Manager

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ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 44-25B

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

Formation	Depth, TVD & MD
Green River	2,554'
Mahogany	3,319'
Wasatch	5,804'
Mesaverde	7,784'
Sego	10,194'
TD	10,294'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

Substance	Formation	Depth, TVD & MD
Oil	Green River	2,554'
Gas	Wasatch	5,804'
Gas	Mesaverde	7,784'
Gas	Sego	10,194'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

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(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

A. An 11" 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.

B. All BOP connections subject to pressure shall be flanged, welded or clamped.

C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.

D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.

E. IBOP or float sub available.

F. Fill up line must be installed above the uppermost preventer.

G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc…, for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
17 ½"	14"	Sfc	60'	Steel	Conductor	None	Used	N/A
12-1/4"	9-5/8"	Sfc	3,369'	36#	N-80	LTC	New	Air
7 7/8"	4-1/2"	Sfc	10,294'	11.6#	HCP-110	LTC	New	10.5

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QEP ENERGY COMPANY
RW 44-25B

Casing Strengths:				Collapse	Burst	Tensile (min)
9-5/8"	36#	N-80	LTC	2,370 psi	5,120 psi	820,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors
*The casing prescribed above meets or exceeds the below listed design factors.
Burst: 1.2
Collapse: 1.2
Tension: 1.6

Maximum anticipated mud weight: 10.5 ppg
Maximum anticipated surface treating pressure: 7,200 psi

5. **Cementing Program**

9-5/8" Surface Casing:

Lead Slurry: Surface (TOC) – 2,869'. 440 sks (1348 ft^3) Halliburton Extendacem, 1 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 11.0 ppg, 3.12 ft^3/sk, 50% XS in open hole only.

Tail Slurry: 2,869' – 3,369'. 180 sx (252 ft^3) Halliburton Econocem, 0.2% HR-5 Retarder, 1.0 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 13.5 ppg, 1.47 ft^3/sk, 50% XS in open hole.

4-1/2" Production Casing*:

Lead Slurry: 3,000' (TOC) – 7,784'. 650 sks (2067 ft^3) Halliburton Extendacem, 1 pps Granulite 1/4, 0.125 pps Poly-E-Flake. Slurry Weight 11.0 lb/gal, 3.18 ft^3/sk, 50% excess over gauge in open hole only.

Tail Slurry: 7,784' – 10,294'. 530 sks (861 ft^3), Halliburton Expandacem, 0.3% Super CBL (Expander), 0.6% HR-800 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.65 ft^3/sk, 50% excess over gauge hole.

*Final cement volumes to be calculated from caliper log.

6. **Auxiliary Equipment**

A. Kelly Cock – yes

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QEP ENERGY COMPANY
RW 44-25B

B. Float at the bit – Yes

C. Monitoring equipment on the mud system – PVT/Flow Show

D. Full opening safety valve on the rig floor – Yes

E. Rotating Head – Yes

F. Request for Variance:

Drilling surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III Requirements, subsection E. Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is 3,369' feet and high pressures are not expected.

1. **Properly lubricated and maintained rotating head** – A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
2. **Blooie line discharge 100 feet from wellbore and securely anchored** – the blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
3. **Automatic igniter or continuous pilot light on blooie line** – a diffuser will be used rather than an automatic pilot/igniter. Water is injected into the compressed air and eliminates the need for a pilot light and the need for dust suppression equipment.
4. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the wellbore** – compressors located within 50 feet on the opposite side of the wellbore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valves on the compressors, 3) spark arrestors on the motors.

G. Drilling below the 9-5/8" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.

H. No minimum quantity of weight material will be required to be kept on location.

I. Gas detector will be used from intermediate casing depth to TD.

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7. Testing, logging and coring program

A. Cores – none.

B. DST – none anticipated

C. Logging – Mud logging – Intermediate Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.

D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,621 psi. Maximum anticipated bottom hole temperature is 205° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

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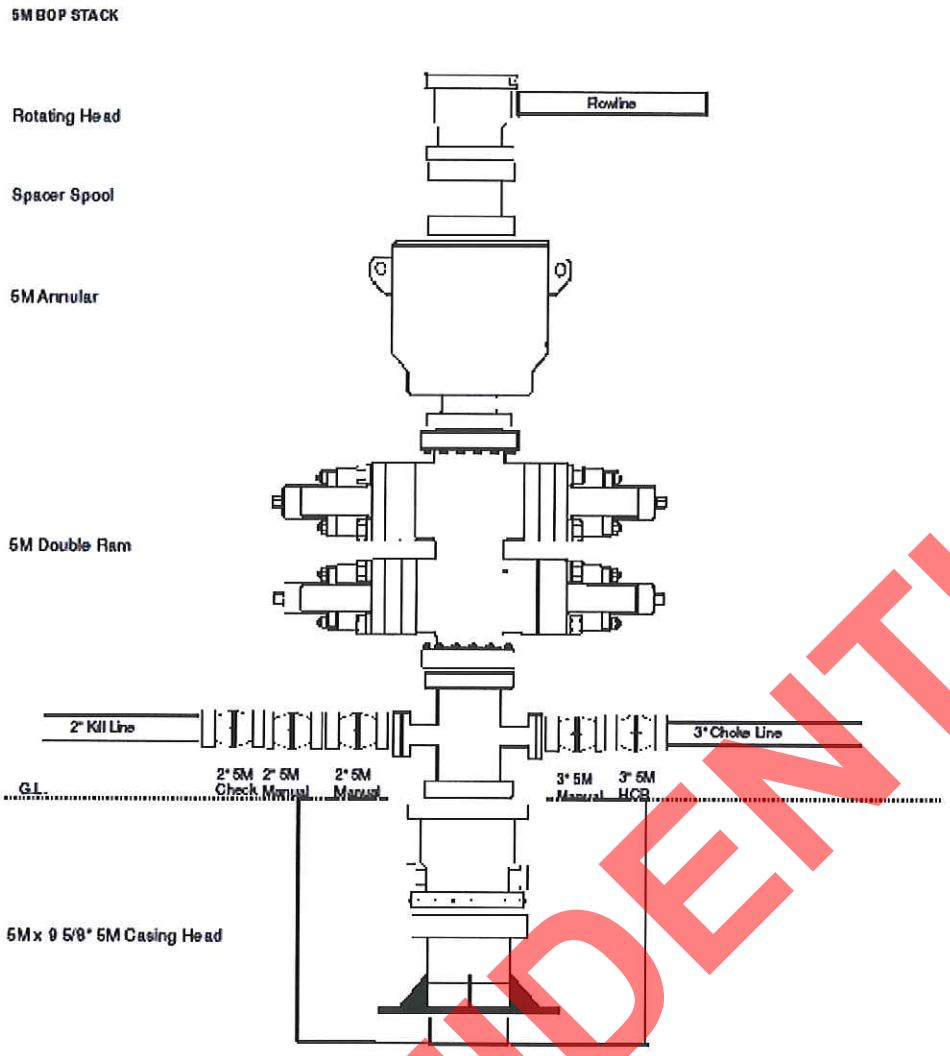
QEP ENERGY COMPANY
RW 44-25B



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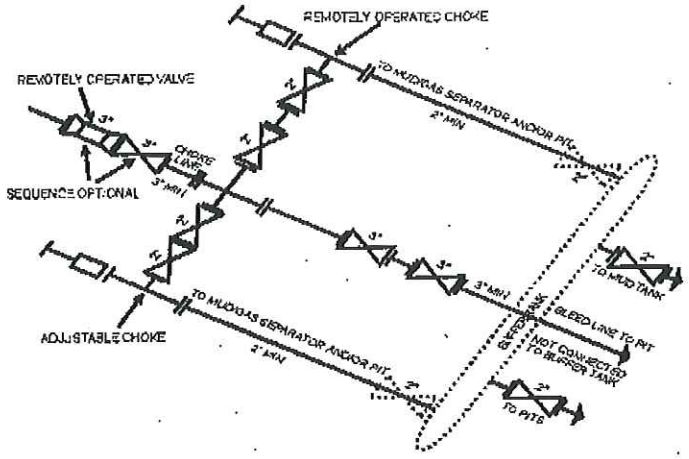
ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 44-25B



5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although are required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of consolidating the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.
[54 FR 39528, Sept. 27, 1989]

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QEP Energy Company
RW 44-25B
Summarized Drilling Procedure

1. Construct location per plat.
2. MIRU air drilling rig.
3. Pre-set conductor.
4. Nipple up diverter system.
5. Drill 12-1/4" hole to 3,369' with air/mist.
6. RIH with 9-5/8" 36# N-80 casing and cement same per program.
7. RDMO air drilling rig.
8. MIRU conventional drilling rig.
9. NU and test 5M BOPE.
10. Drill out of 9-5/8" shoe and down to 10,294' using conventional mud systems.
11. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
12. RIH with 4-1/2" 11.6# HCP-110 casing and cement same per program.
13. Pressure test casing.
14. ND BOP's and NU remainder of wellhead. Set BPV.
15. RDMO.

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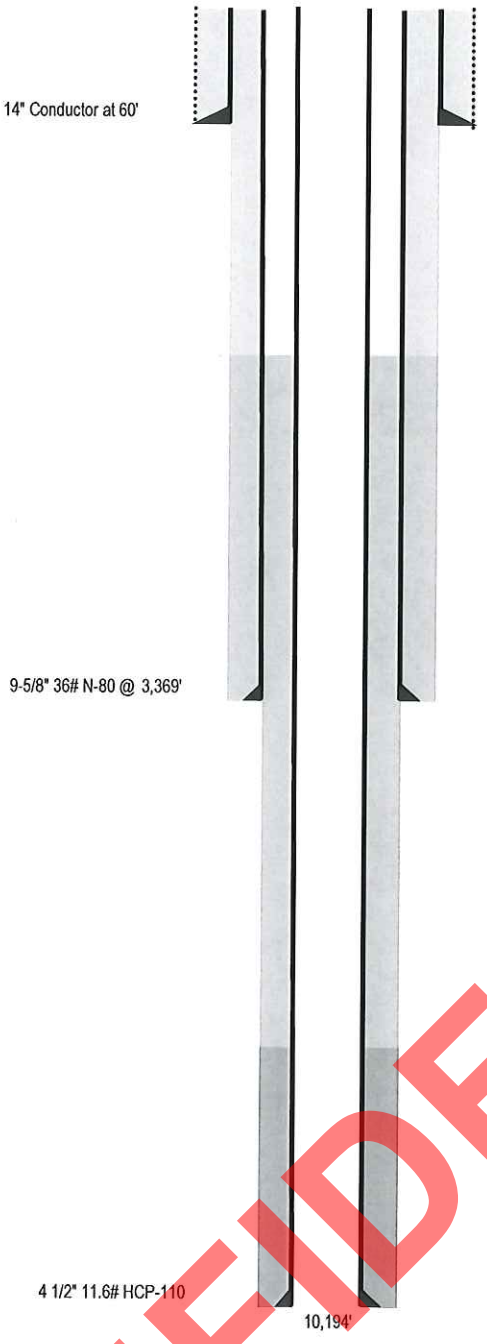
Updated MPG 4-25-2011
Not to scale

RW 44-25B
SESE Sec 25 T7S R23E
645' FSL & 813' FEL Sec 25 T7S R23E S.L.B.&M.
Uintah County, Utah
KB 5,564'
GL 5,550'



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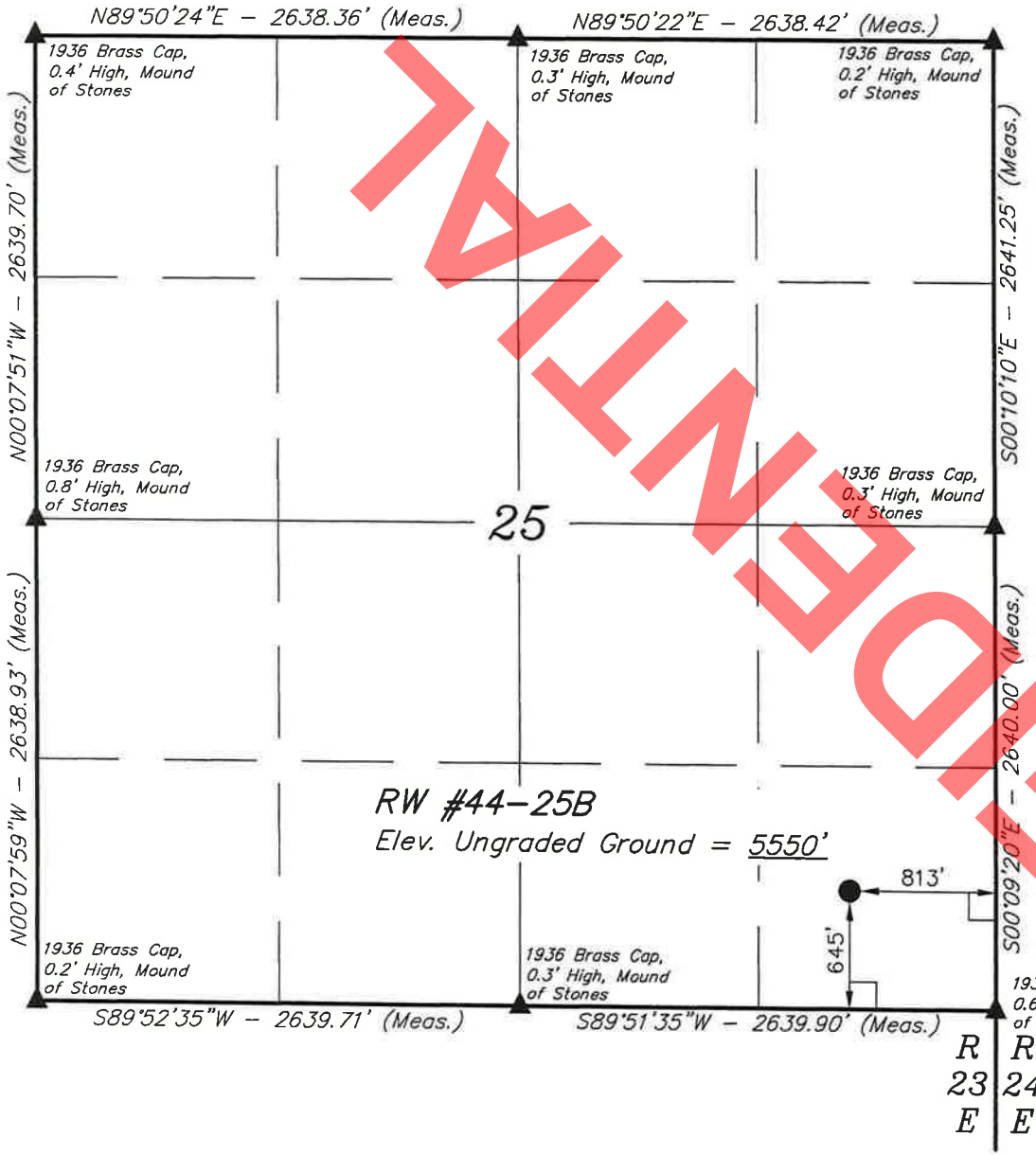
T7S, R23E, S.L.B.&M.



API Well Number: 43047517190000

QEP ENERGY COMPANY

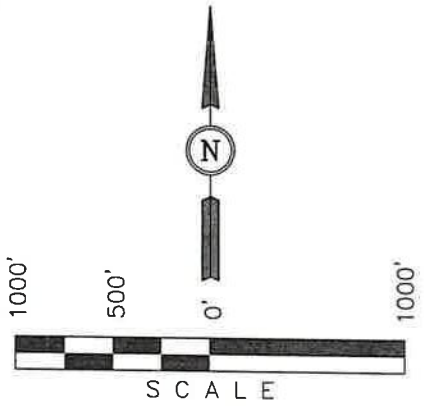
Well location, RW #44-25B, located as shown in the SE 1/4 SE 1/4 of Section 25, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°10'30.27" (40.175075)
LONGITUDE = 109°16'08.05" (109.268903)
(NAD 27)
LATITUDE = 40°10'30.40" (40.175111)
LONGITUDE = 109°16'05.61" (109.268225)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-18-11	DATE DRAWN: 02-01-11
PARTY A.F. J.C. J.I.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QEP ENERGY COMPANY	

QEP ENERGY COMPANY

RW #44-25B

LOCATED IN UINTAH COUNTY, UTAH
SECTION 25, T7S, R23E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHEASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHEASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	01 MONTH	21 DAY	11 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: J.J.	REVISED: 00-00-00		

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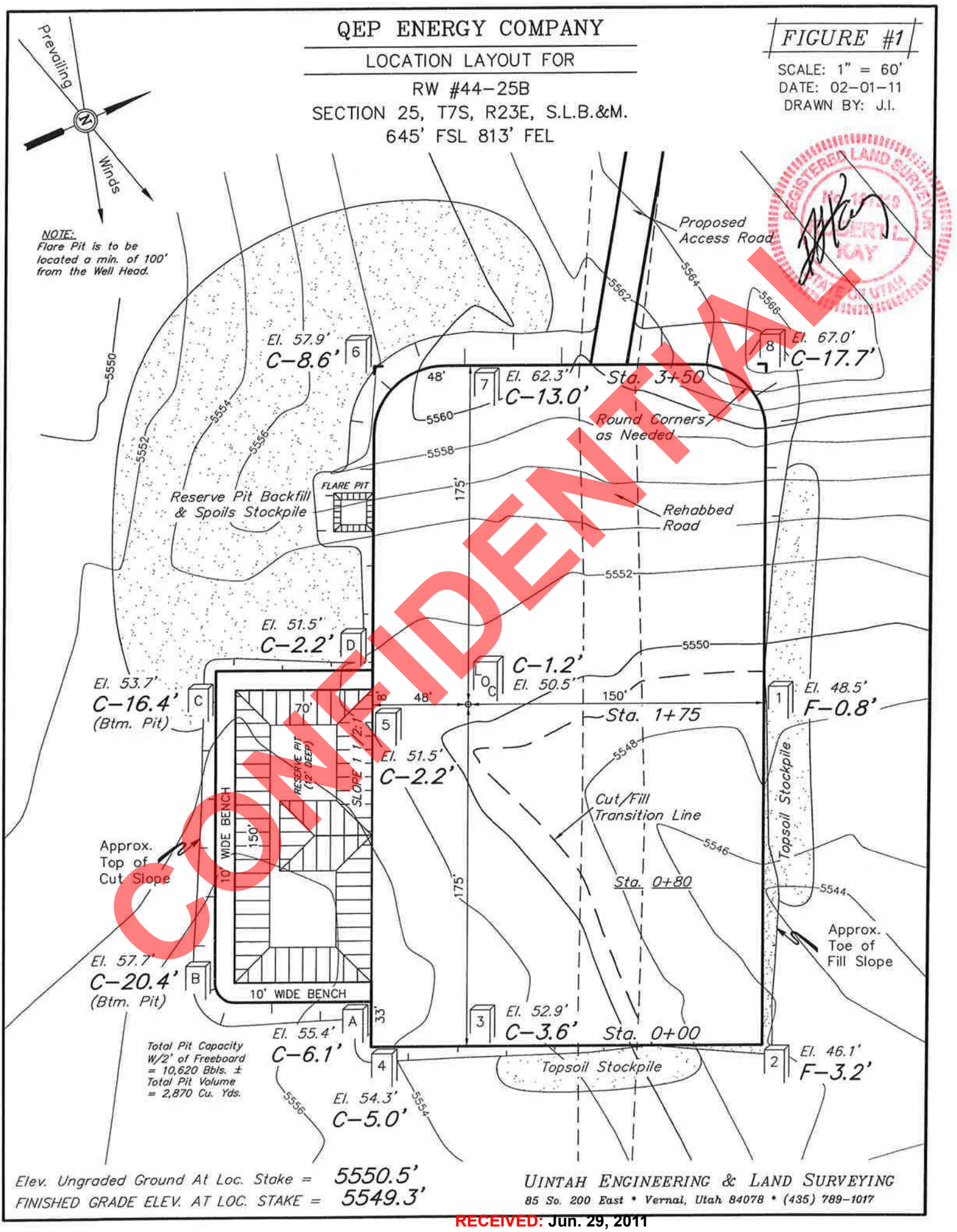
LOCATION LAYOUT FOR

RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

FIGURE #1
SCALE: 1" = 60'
DATE: 02-01-11
DRAWN BY: J.I.



Elev. Ungraded Ground At Loc. Stake = 5550.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 5549.3'

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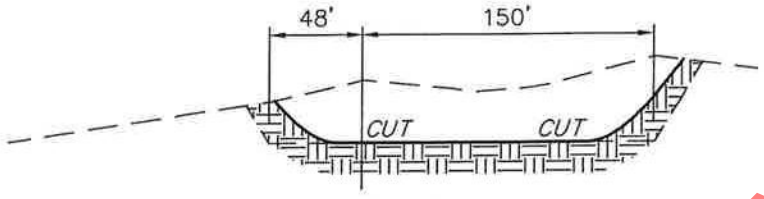
TYPICAL CROSS SECTIONS FOR

RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

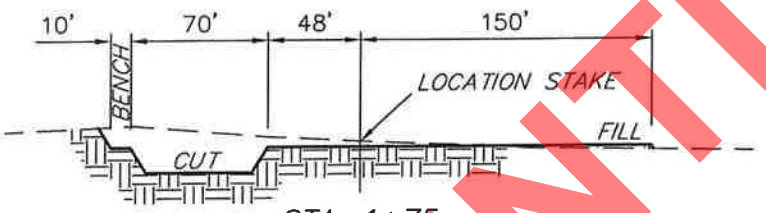
FIGURE #2

1" = 40' X-Section Scale
1" = 100'

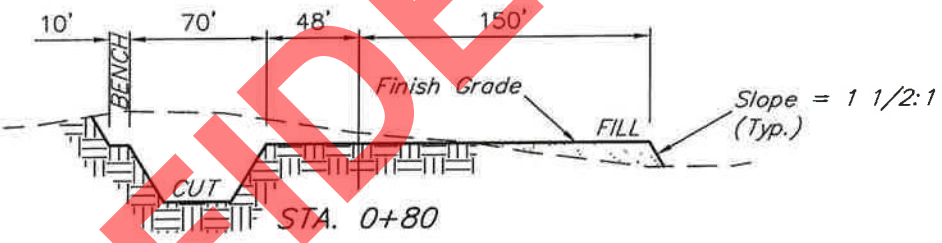
DATE: 02-01-11
DRAWN BY: J.I.



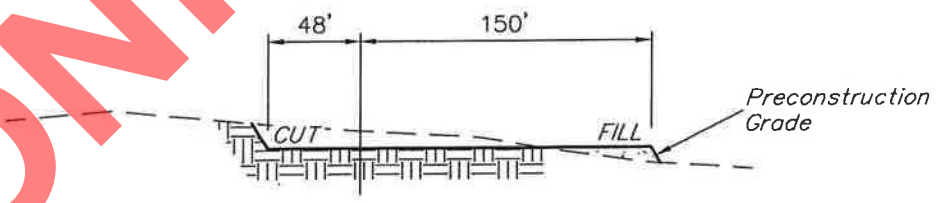
STA. 3+50



STA. 1+75



STA. 0+80



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.052 ACRES
ACCESS ROAD DISTURBANCE = ± 2.030 ACRES
PIPELINE DISTURBANCE = ± 3.660 ACRES
TOTAL = ± 8.742 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,780 Cu. Yds.
Remaining Location = 13,990 Cu. Yds.
TOTAL CUT = 15,770 CU.YDS.
FILL = 1,620 CU.YDS.

EXCESS MATERIAL = 14,150 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,220 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 10,930 Cu. Yds.

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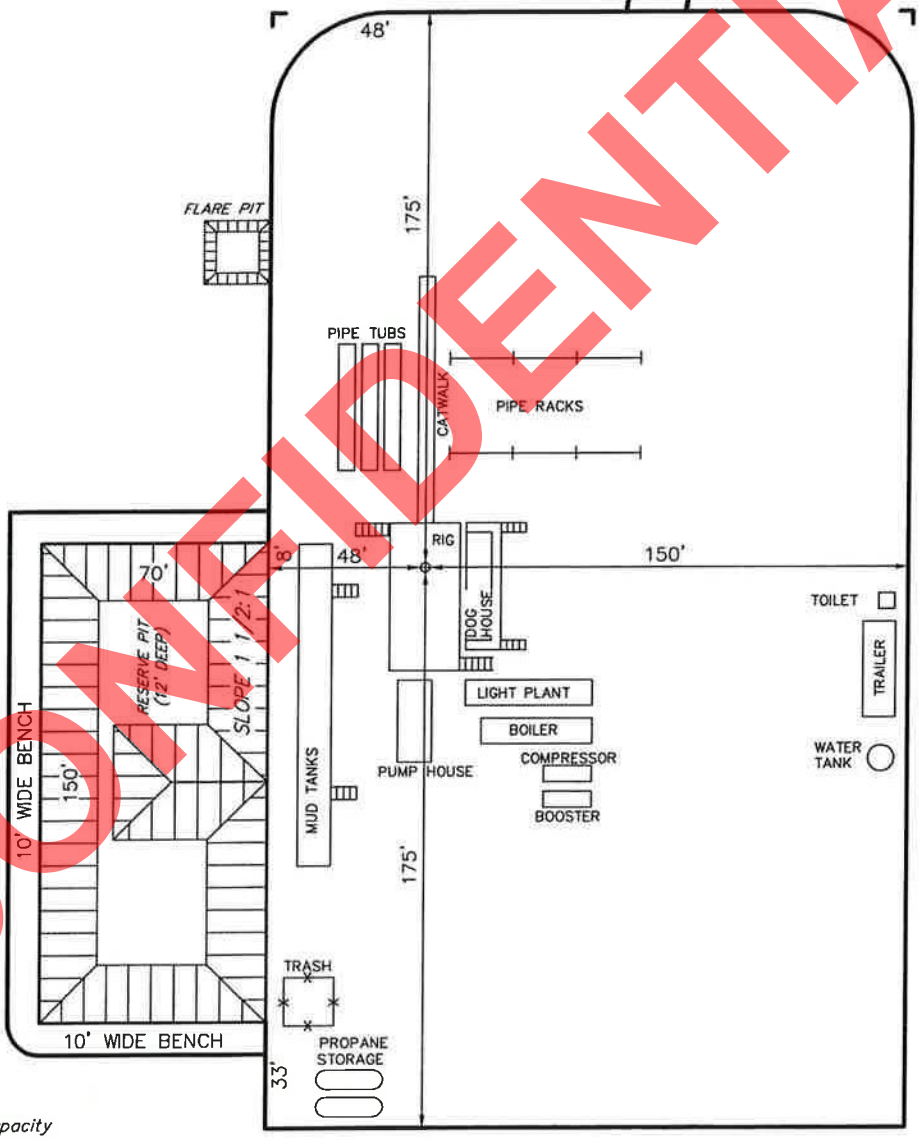
QEP ENERGY COMPANY

TYPICAL RIG LAYOUT FOR

RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

FIGURE #3
SCALE: 1" = 60'
DATE: 02-01-11
DRAWN BY: J.I.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity
W/2' of Freeboard
= 10,620 Bbls. ±
Total Pit Volume
= 2,870 Cu. Yds.

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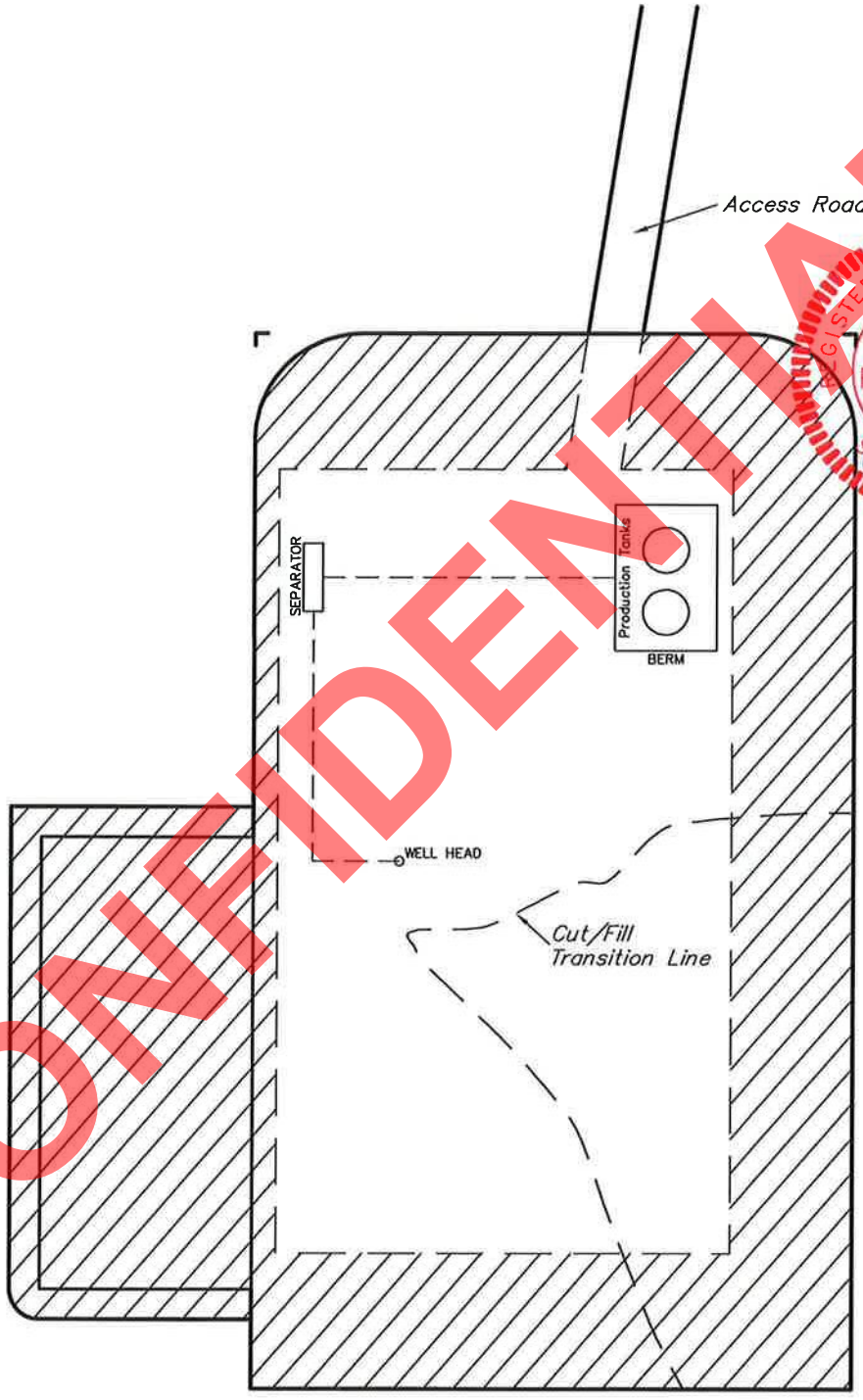
QEP ENERGY COMPANY

INTERIM RECLAMATION PLAN FOR

RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

FIGURE #4

SCALE: 1" = 60'
DATE: 02-01-11
DRAWN BY: J.I.
REV.: 06-27-11 J.I.



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
06-27-11

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 0.914 ACRES

INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

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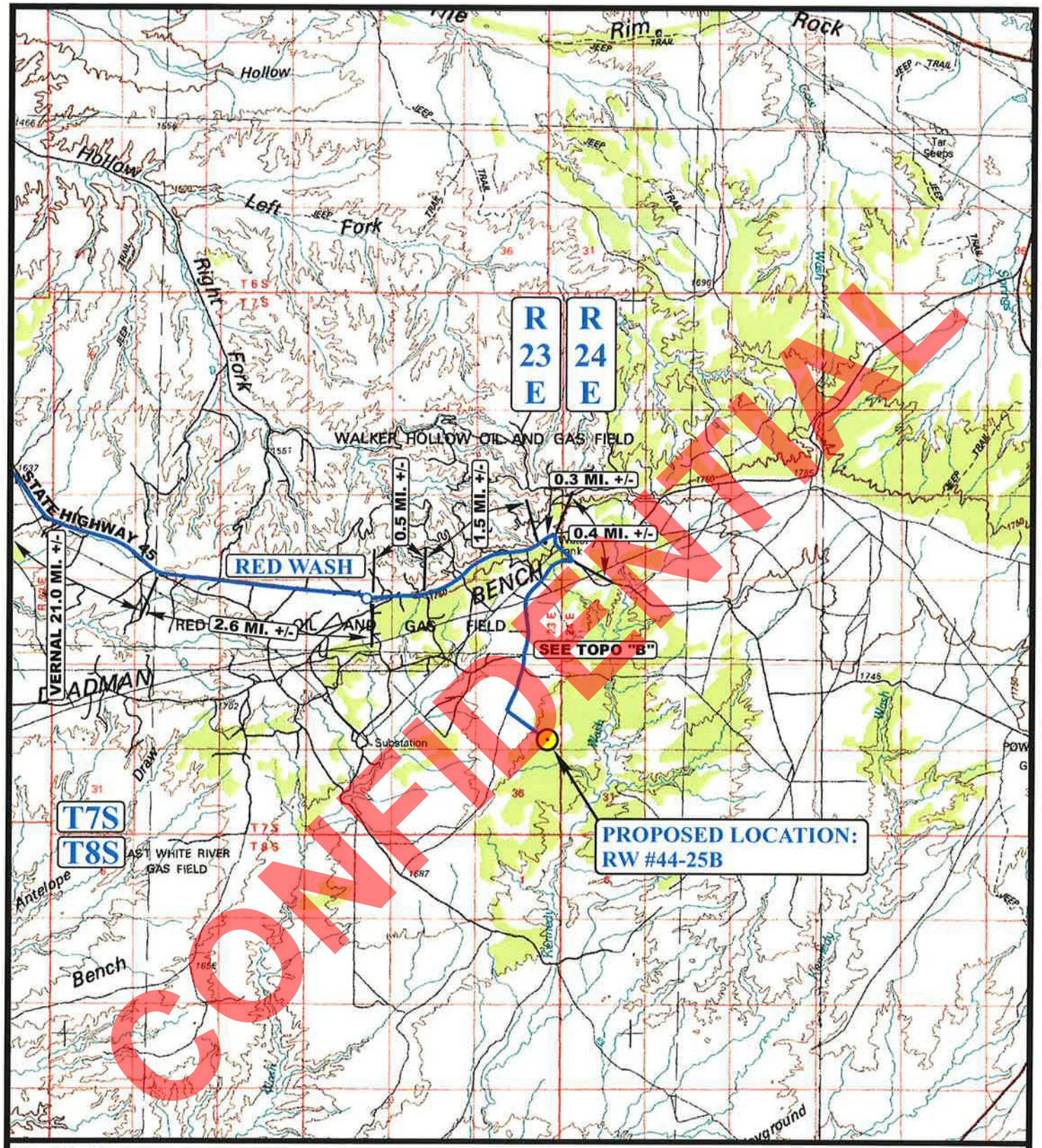
QEP ENERGY COMPANY
RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.6 MILES TO RED WASH, UTAH; PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRCTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 350' TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2,947' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 29.0 MILES.

RECEIVED: Jun. 29, 2011



LEGEND:

PROPOSED LOCATION

N

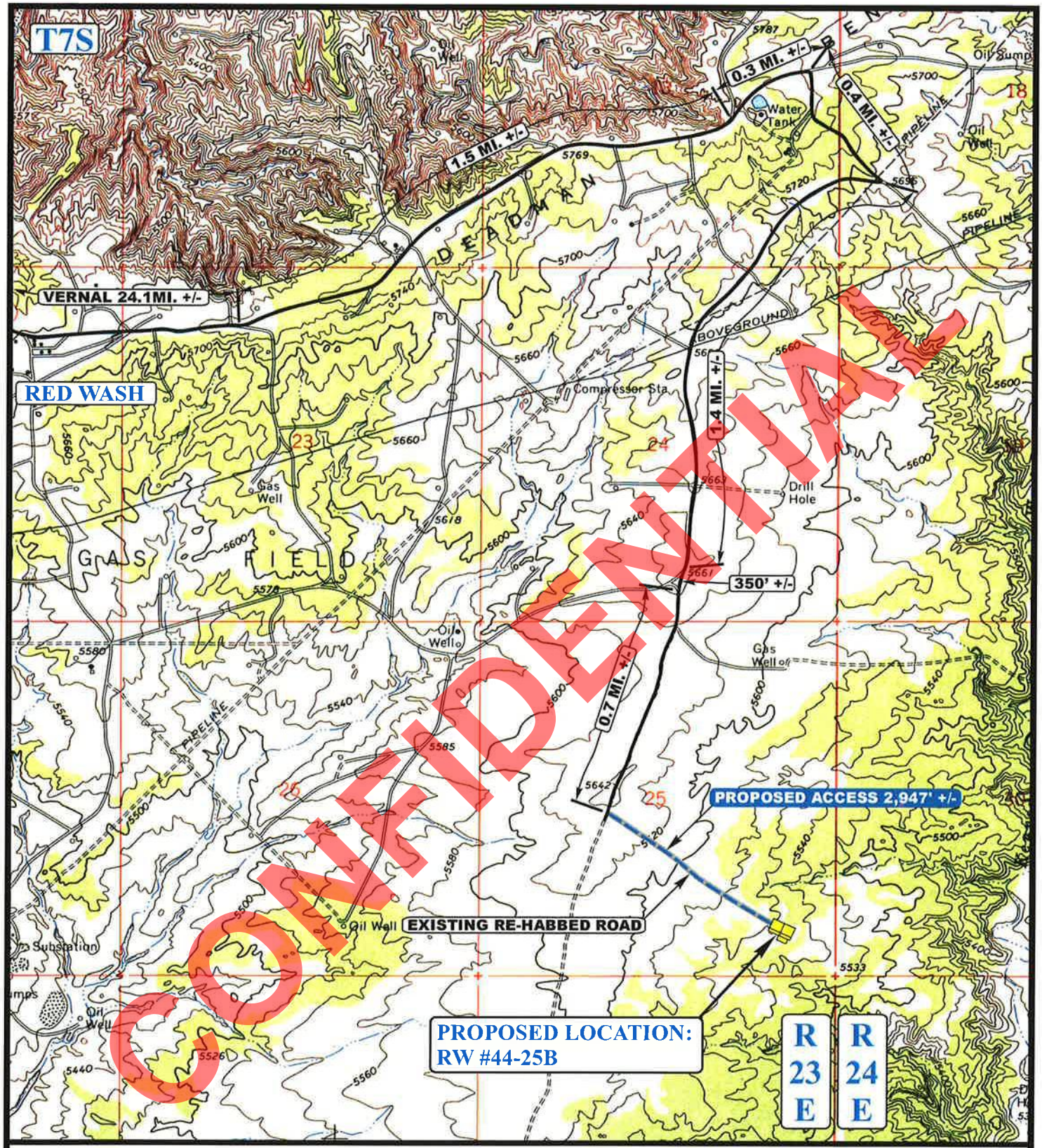
QEP ENERGY COMPANY

RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	01 MONTH	21 DAY	11 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.J.	REVISED: 00-00-00		

RECEIVED: Jun. 29, 2011



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

EXISTING RE-HABBED ROAD

N

QEP ENERGY COMPANY

RW #44-25B

SECTION 25, T7S, R23E, S.L.B.&M.

645' FSL 813' FEL

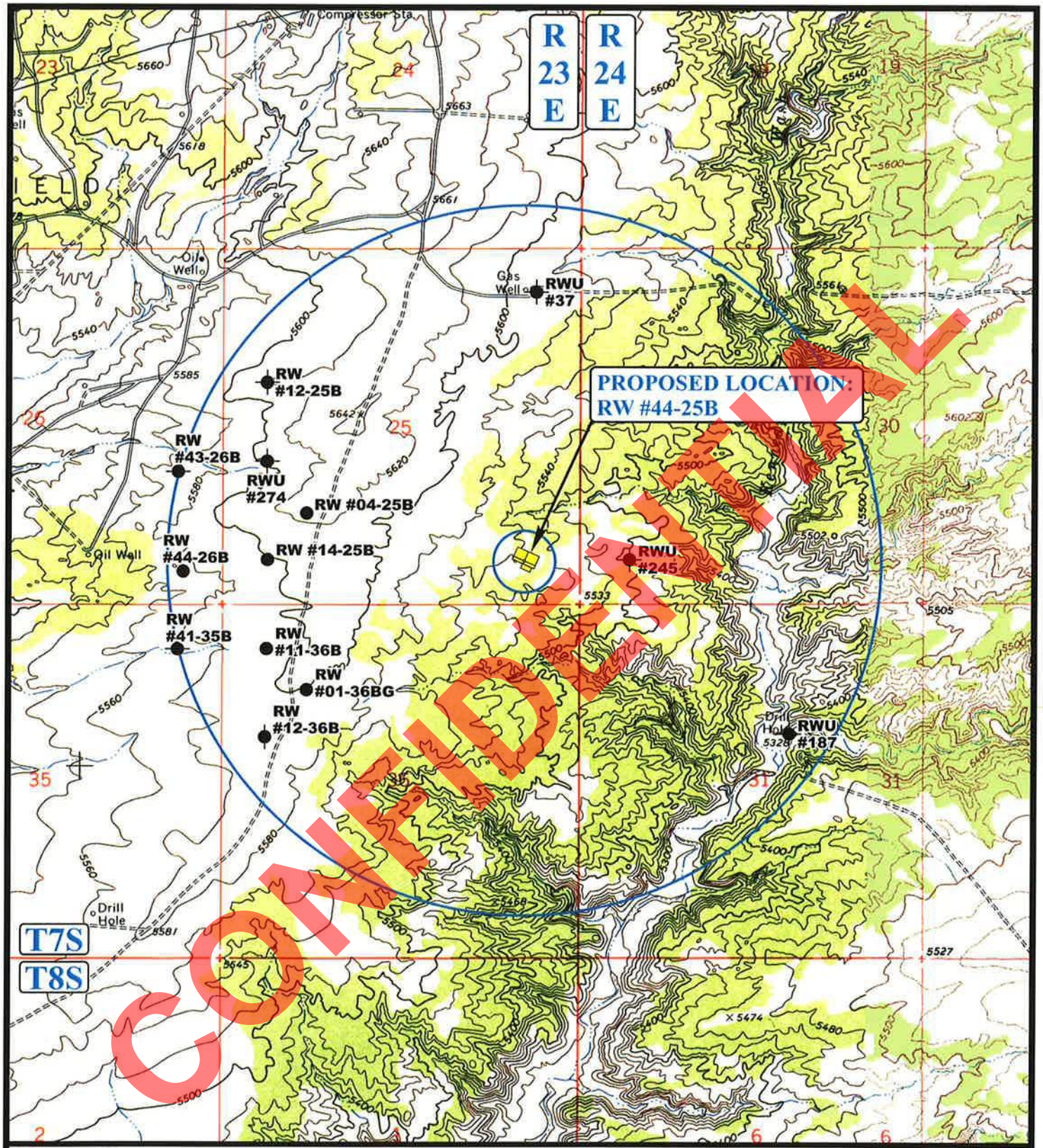
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP | 01 MONTH | 21 DAY | 11 YEAR | B TOPO

SCALE: 1" = 2000' | DRAWN BY: J.J. | REVISED: 00-00-00

RECEIVED: Jun. 29, 2011

API Well Number: 43047517190000



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

QEP ENERGY COMPANY

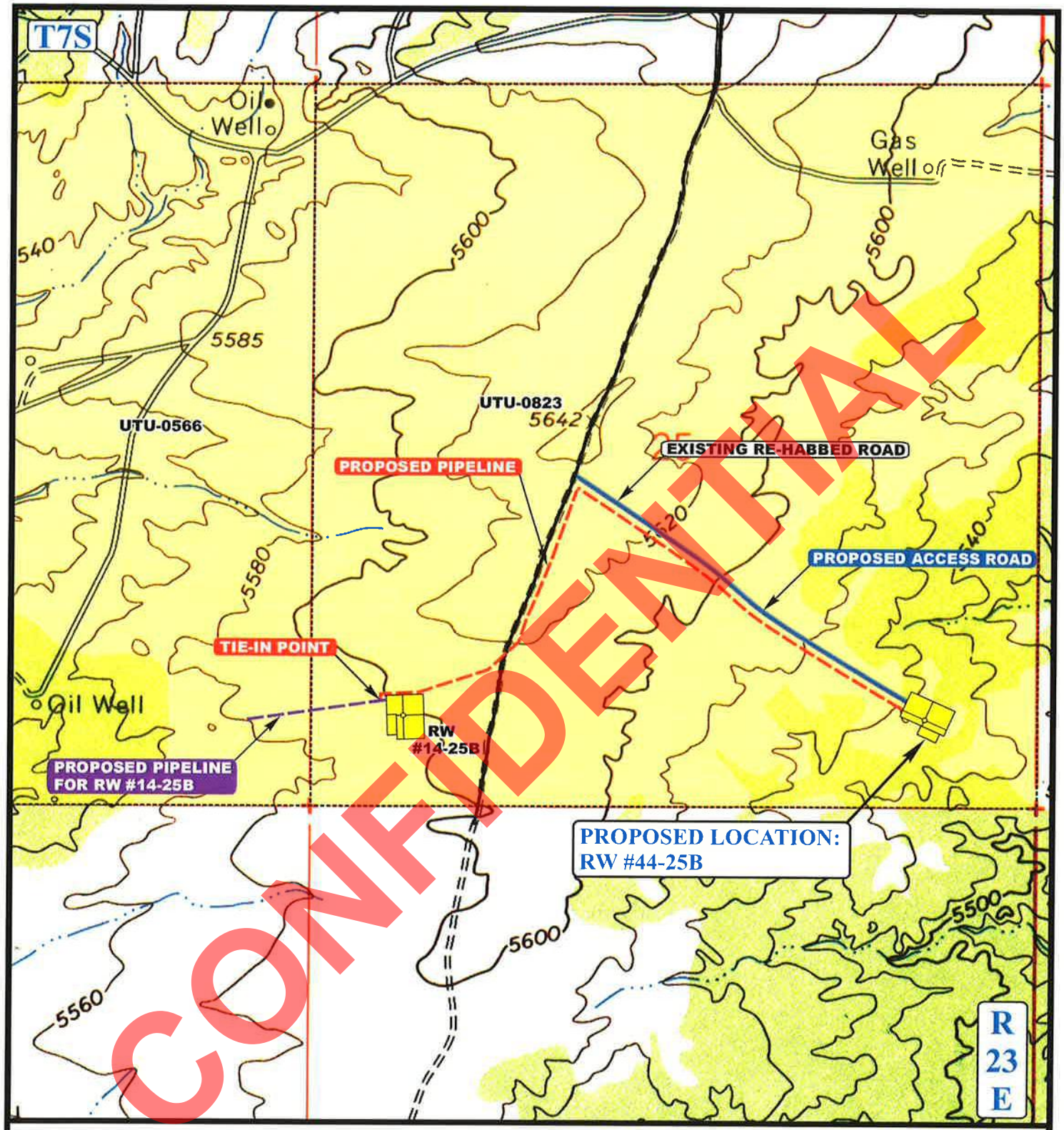
RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 01 MONTH | 21 DAY | 11 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: J.J. | REVISED: 00-00-00

RECEIVED: Jun. 29, 2011



APPROXIMATE TOTAL PIPELINE DISTANCE = 5,315' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

QEP ENERGY COMPANY

RW #44-25B
SECTION 25, T7S, R23E, S.L.B.&M.
645' FSL 813' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 01 MONTH | 21 DAY | 11 YEAR | D TOPO

SCALE: 1" = 1000' | DRAWN BY: J.J. | REVISED: 00-00-00

RECEIVED: Jun. 29, 2011

Additional Operator Remarks

QEP Energy Company proposes drill a vertical gas well to a depth of 10,294' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

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QEP ENERGY COMPANY
RW 44-25B
645' FSL 813' FEL
SESE SECTION 25, T7S, R23E
UINTAH COUNTY, UTAH
LEASE # UTU-0823

ONSHORE ORDER NO. 1
MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 44-25B on June 8, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Holly Villa	Bureau of Land Management
Daniel Emmett	Bureau of Land Management
Melissa Wardle	Bureau of Land Management
Stephanie Tomkinson	QEP Energy Company
Valyn Davis	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 29 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. Planned Access Roads:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

There will be a new access road approximately 2,947' in length, containing approximately 2.03 acres. The access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30'. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM/VFO AO. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.

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Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and gas Exploration and Development, Fourth Edition 2006.The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed. If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access road.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

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It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the proposed pipeline.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the pipeline route with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the pipeline route.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the pipeline route, grading of the route will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the pipeline route will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 5,315' in length, containing 3.660 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed pipeline route to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

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Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. Location and Type of Water Supply:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. Methods of Handling Waste Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists

RECEIVED: Jun. 29, 2011

or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash Disposal well located in the SESE, Section 28, T7S, R23E,
West End Disposal located in the NESE, Section 28, T7S, R22E,

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

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9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

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The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A sundry notice (Form 3160.5), for the Reference Site and the Weed Data Sheet will be filed at a later date.

It was determined and agreed upon that there is 6" inches of top soil.

12. Surface Ownership:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on May 9, 2011, **Moac Report**

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No. 11-011 by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on June 3, 2011 **IPC # 11-23** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

Per the onsite on June 8, 2011, the following items were requested/ discussed.

There is a Ferruginous Hawk Stipulation from March 1 to August 1. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

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Lessee's or Operator's Representative & Certification:

Valyn Davis
Regulatory Affairs Analyst
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4331

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well. QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

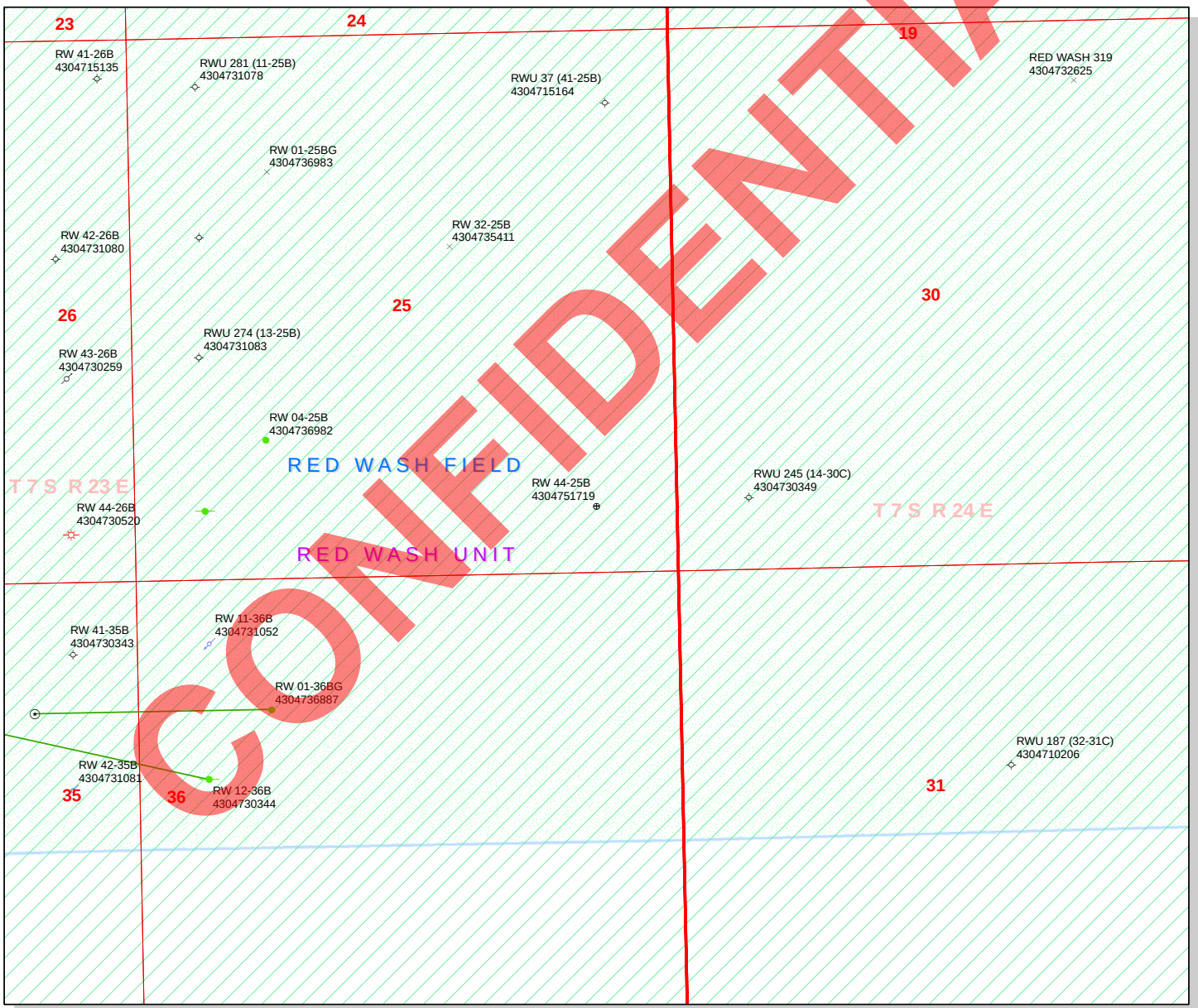
I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Valyn Davis
Valyn Davis

6/28/2011
Date

RECEIVED: Jun. 29, 2011

API Well Number: 43047517190000



API Number: 4304751719

Well Name: RW 44-25B

Township T0.7 . Range R2.3 . Section 25

Meridian: SLBM

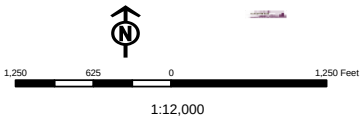
Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well



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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 29, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Red Wash Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MESA VERDE)		
43-047-51719	RW 44-25B	Sec 25 T07S R23E 0645 FSL 0813 FEL
43-047-51720	RW 34-24B	Sec 24 T07S R23E 0534 FSL 2126 FEL
43-047-51721	RW 43-20B	Sec 20 T07S R23E 1637 FSL 0562 FEL
43-047-51722	RW 23A-28B	Sec 28 T07S R23E 1097 FSL 2511 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.06.29 14:08:03 -06'00'

bcc: File - Red Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-29-11

RECEIVED: Jun. 29, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/28/2011
API NO. ASSIGNED: 43047517190000
WELL NAME: RW 44-25B
OPERATOR: QEP ENERGY COMPANY (N3700)
PHONE NUMBER: 435 781-4369
CONTACT: Valyn Davis

PROPOSED LOCATION: SESE 25 070S 230E
Permit Tech Review: ☑

SURFACE: 0645 FSL 0813 FEL
Engineering Review: ☐

BOTTOM: 0645 FSL 0813 FEL
Geology Review: ☑

COUNTY: UINTAH
LATITUDE: 40.17510
LONGITUDE: -109.26814
UTM SURF EASTINGS: 647460.00
NORTHINGS: 4448420.00
FIELD NAME: RED WASH
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU0823
PROPOSED PRODUCING FORMATION(S): MESA VERDE
SURFACE OWNER: 1 - Federal
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - ESB000024
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** A-36125/ 49-2153
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: RED WASH

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 187-07
Effective Date: 9/18/2001
Siting: Suspends General Siting

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

RECEIVED: Jun. 29, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: RW 44-25B
API Well Number: 43047517190000
Lease Number: UTU0823
Surface Owner: FEDERAL
Approval Date: 6/29/2011

Issued to:
QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month

- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 44-25B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047517190000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/29/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 28, 2012

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 6/28/2012

RECEIVED: Jun. 28, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517190000

API: 43047517190000
Well Name: RW 44-25B
Location: 0645 FSL 0813 FEL QTR SESE SEC 25 TWNP 070S RNG 230E MER S
Company Permit Issued to: QEP ENERGY COMPANY
Date Original Permit Issued: 6/29/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Valyn Davis **Date:** 6/28/2012
Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED: Jun. 28, 2012

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 44-25B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047517190000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/1/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS TO CHANGE THE DRILLING PLAN ON THE ABOVE MENTIONED WELL: THE SURFACE HOLE WILL BE DRILLED WITH AIR,AIR/MIST, FOAM OR MUD DEPENDING ON HOLE CONDITIONS. DRILLING BELOW SURFACE CASING WILL BE WITH WATER BASED DRILLING FLUIDS CONSISTING PRIMARILY OF FRESH WATER, BENTONITE, LIGNITE, CAUSTIC, LIME SODA ASH AND POLYMER. NO CHROMATES WILL BE USED. IT IS NOT INTENDED TO USE OIL IN THE MUD, HOWEVER, IN THE EVENT IT IS USED, OIL CONCENTRATION WILL BE LESS THAN 4% BY VOLUME. MAXIMUM ANTICIPATED MUD WEIGHT IS 9.5 PPG. QEP REQUESTS TO SET 90' OF 14" CONDUCTOR PIPE. QEP WOULD LIKE TO OPTIMIZE THE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT, THEREFORE QEP WOULD LIKE TO DRILL THIS WELL WITH A SMALL STEP OUT OF +/-185'.BOTTOM HOLE FOOTAGES ARE: 759' FSL, 958' FEL, SESE, SEC. 25, T7S, R23E, 40.175389 LAT, 109.269422 LON. QEP REQUESTS TO CHANGE THE TD TO 10,101.

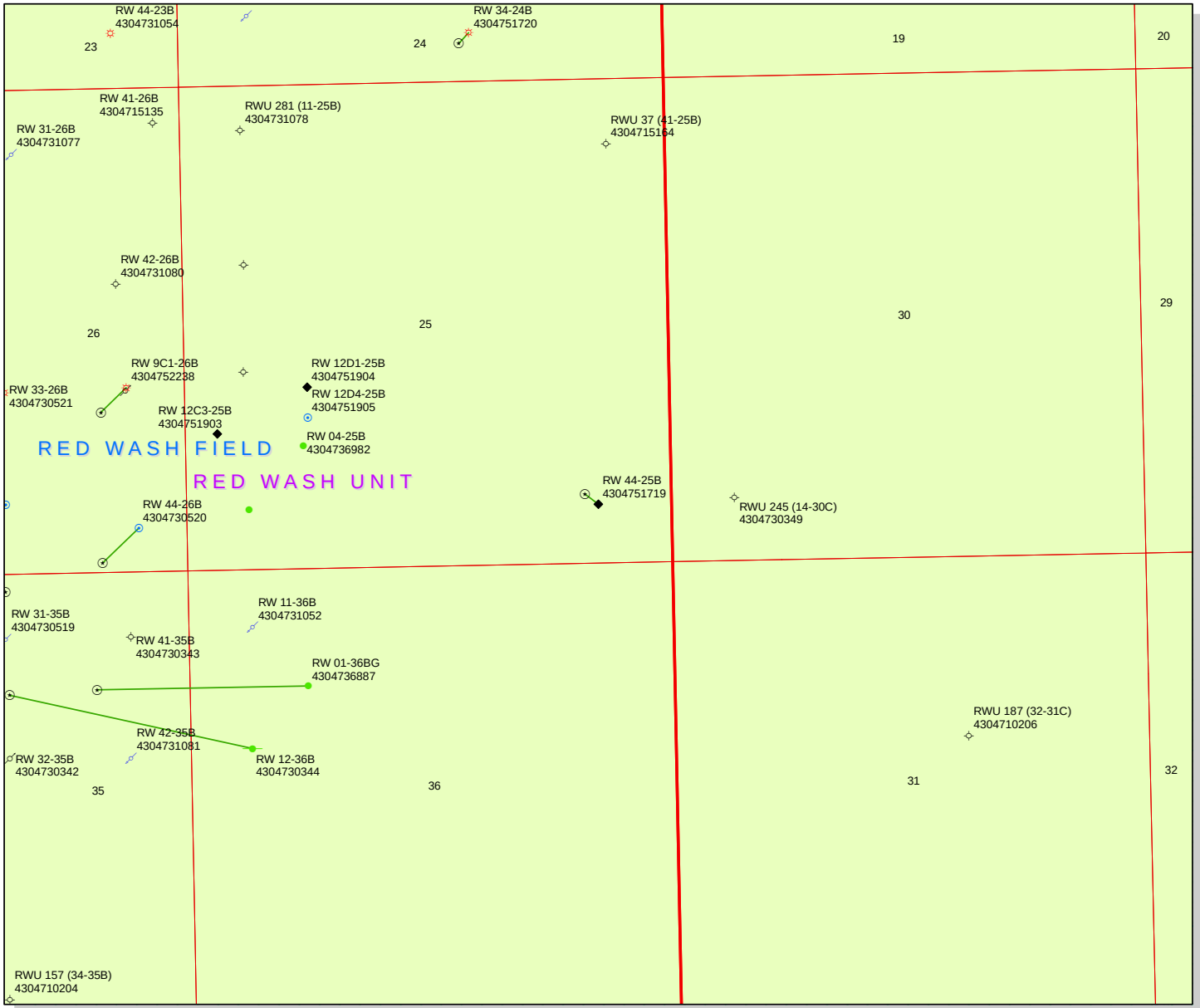
Approved by the Utah Division of Oil, Gas and Mining

Date: December 27, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jan Nelson	435 781-4331	Permit Agent
SIGNATURE N/A		**DATE** 12/4/2012

RECEIVED: Dec. 04, 2012



API Number: 4304751719

Well Name: RW 44-25B

Township T07.0S Range R23.0E Section 25

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

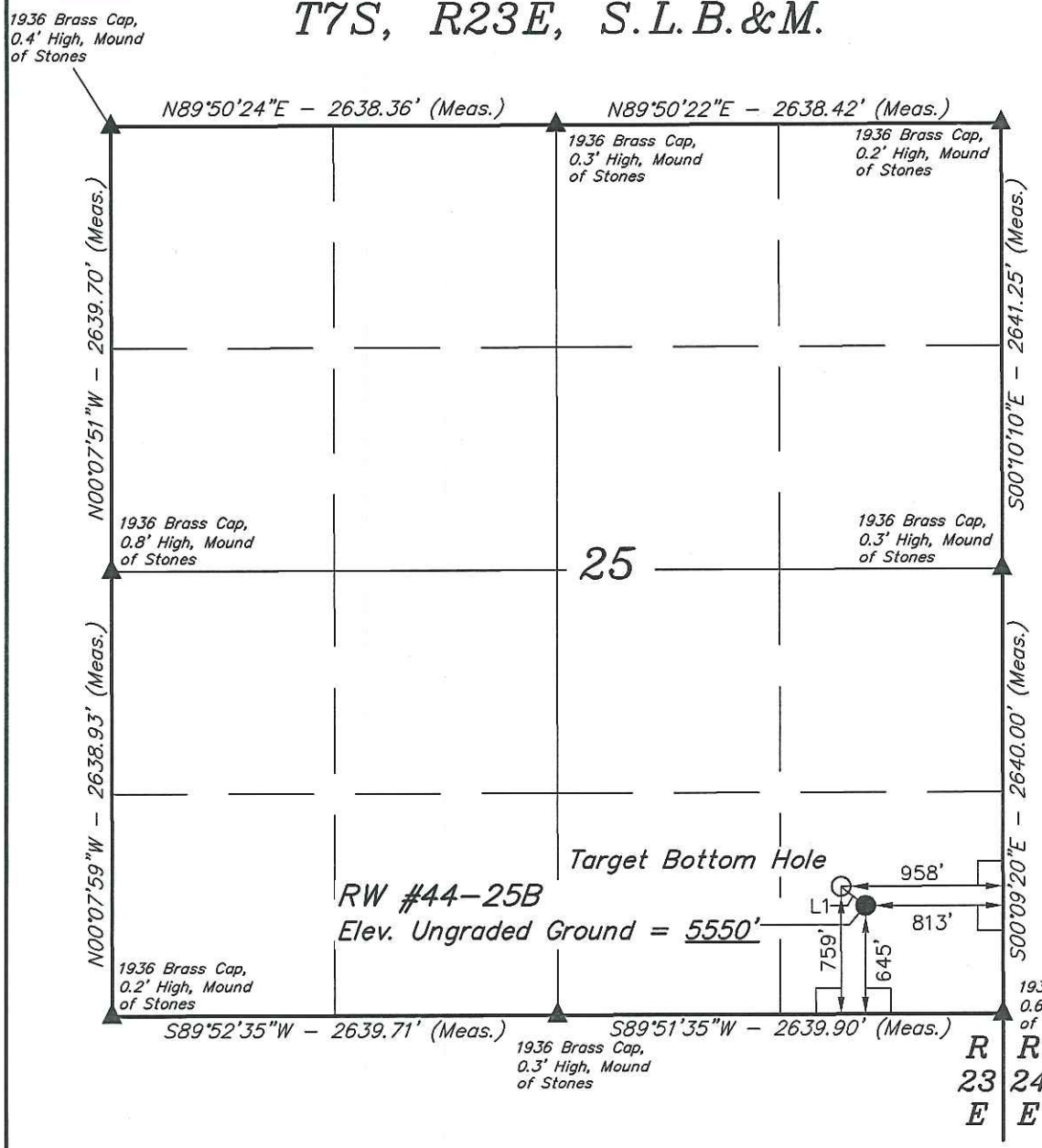
Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well
- Bottom Hole Location - OilGasDb

1,400 700 0 1,400 Feet

1:13,484

RECEIVED: Dec. 27, 2012

T7S, R23E, S.L.B.&M.



QEP ENERGY COMPANY

Well location, RW #44-25B, located as shown in the SE 1/4 SE 1/4 of Section 25, T7S, R23E, S.L.B.&M., Uintah County, Utah.

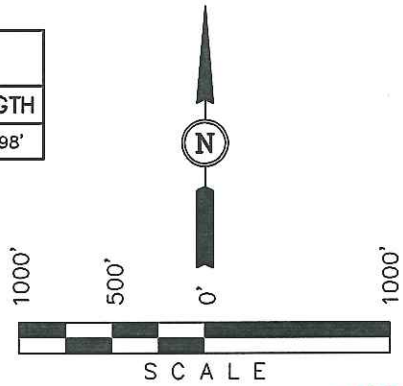
BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N51°52'59"W	184.98'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

10-15-12

REV: 10-10-12 K.O.

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°10'31.40" (40.175389)	LATITUDE = 40°10'30.27" (40.175075)
LONGITUDE = 109°16'09.92" (109.269422)	LONGITUDE = 109°16'08.05" (109.268903)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°10'31.53" (40.175425)	LATITUDE = 40°10'30.40" (40.175111)
LONGITUDE = 109°16'07.48" (109.268744)	LONGITUDE = 109°16'05.61" (109.268225)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	01-18-11	02-01-11
PARTY: A.F. J.C. J.I.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

QEP Energy Company

QEP ENERGY (UT)

Red Wash
RW 44-25B
RW 44-25B

Original Hole

Plan: Plan ver.0

Standard Planning Report

05 September, 2012

QEP Energy Company

QEP Resources, Inc.
Planning Report

QEP Energy Company

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 44-25B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5565.30usft (FRONTIER 2)
Project:	Red Wash	**MD Reference:**	RKB @ 5565.30usft (FRONTIER 2)
Site:	RW 44-25B	**North Reference:**	True
Well:	RW 44-25B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan ver.0		

Project	Red Wash		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	RW 44-25B				
Site Position:		**Northing:**	7,240,271.137 usft	**Latitude:**	40.175075
From:	Lat/Long	**Easting:**	2,263,771.528 usft	**Longitude:**	-109.268903
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.43 °

Well	RW 44-25B					
Well Position	**+N/-S**	-0.02 usft	**Northing:**	7,240,271.120 usft	**Latitude:**	40.175075
	+E/-W	0.00 usft	**Easting:**	2,263,771.528 usft	**Longitude:**	-109.268903
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,549.30 usft	**Ground Level:**	5,549.30 usft

Wellbore	Original Hole			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	7/9/2012	10.86	66.03	52,345

Design	Plan ver.0			
Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	308.12

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,125.81	14.52	309.35	3,118.07	57.99	-70.72	2.00	2.00	0.00	309.35	
3,564.31	14.52	309.35	3,542.57	127.68	-155.71	0.00	0.00	0.00	0.00	
4,532.06	0.00	0.00	4,500.00	205.00	-250.00	1.50	-1.50	0.00	180.00	
7,817.06	0.00	0.00	7,785.00	205.00	-250.00	0.00	0.00	0.00	0.00	
8,050.39	3.50	131.00	8,018.19	200.33	-244.62	1.50	1.50	0.00	131.00	
10,201.22	3.50	131.00	10,165.00	114.18	-145.53	0.00	0.00	0.00	0.00	

QEP Resources, Inc.
Planning Report

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 44-25B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5565.30usft (FRONTIER 2)
Project:	Red Wash	**MD Reference:**	RKB @ 5565.30usft (FRONTIER 2)
Site:	RW 44-25B	**North Reference:**	True
Well:	RW 44-25B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan ver.0		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,125.81	14.52	309.35	3,118.07	57.99	-70.72	91.43	2.00	2.00	0.00
3,564.31	14.52	309.35	3,542.57	127.68	-155.71	201.32	0.00	0.00	0.00
4,532.06	0.00	0.00	4,500.00	205.00	-250.00	323.23	1.50	-1.50	0.00
7,817.06	0.00	0.00	7,785.00	205.00	-250.00	323.23	0.00	0.00	0.00
8,050.39	3.50	131.00	8,018.19	200.33	-244.62	316.11	1.50	1.50	0.00
10,201.22	3.50	131.00	10,165.00	114.18	-145.53	184.97	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 44-25B (16B4-25B)	0.00	0.00	7,785.00	150.66	-184.45	7,240,417.124	2,263,583.392	40.175489	-109.269563
- plan misses target center by 85.18usft at 7819.66usft MD (7787.60 TVD, 205.00 N, -250.00 E)									
- Circle (radius 100.00)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
3,386.05	3,370.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,555.08	2,555.00	Green River		0.00	
3,334.40	3,320.00	Mahog. Bench		0.00	
5,837.06	5,805.00	Wasatch		0.00	
7,817.06	7,785.00	Mesaverde		0.00	
10,101.03	10,065.00	Sego		0.00	

Company Name: QEP ENERGY (UT)

QEP Energy Company

Azimuths to True North	Project: Red Wash
Magnetic North: 10.86°	Site: RW 44-25B
Magnetic Field	Well: RW 44-25B
Strength: 52344.6nT	Wellbore: Original Hole
Dip Angle: 66.03°	Design: Plan ver.0
Date: 7/9/2012	
Model: IGRF2010	

WELL DETAILS: RW 44-25B

Ground Level: 5549.30

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7240271.120	2263771.528	40.175075	-109.268903	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RW 44-25B, True North
Vertical (TVD) Reference: RKB @ 5565.30usft (FRONTIER 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5565.30usft (FRONTIER 2)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Red Wash

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
RW 44-25B (16B4-25B)	7785.00	150.66	-184.45	7240417.124	2263583.392	Circle (Radius: 100.00)

SECTION DETAILS

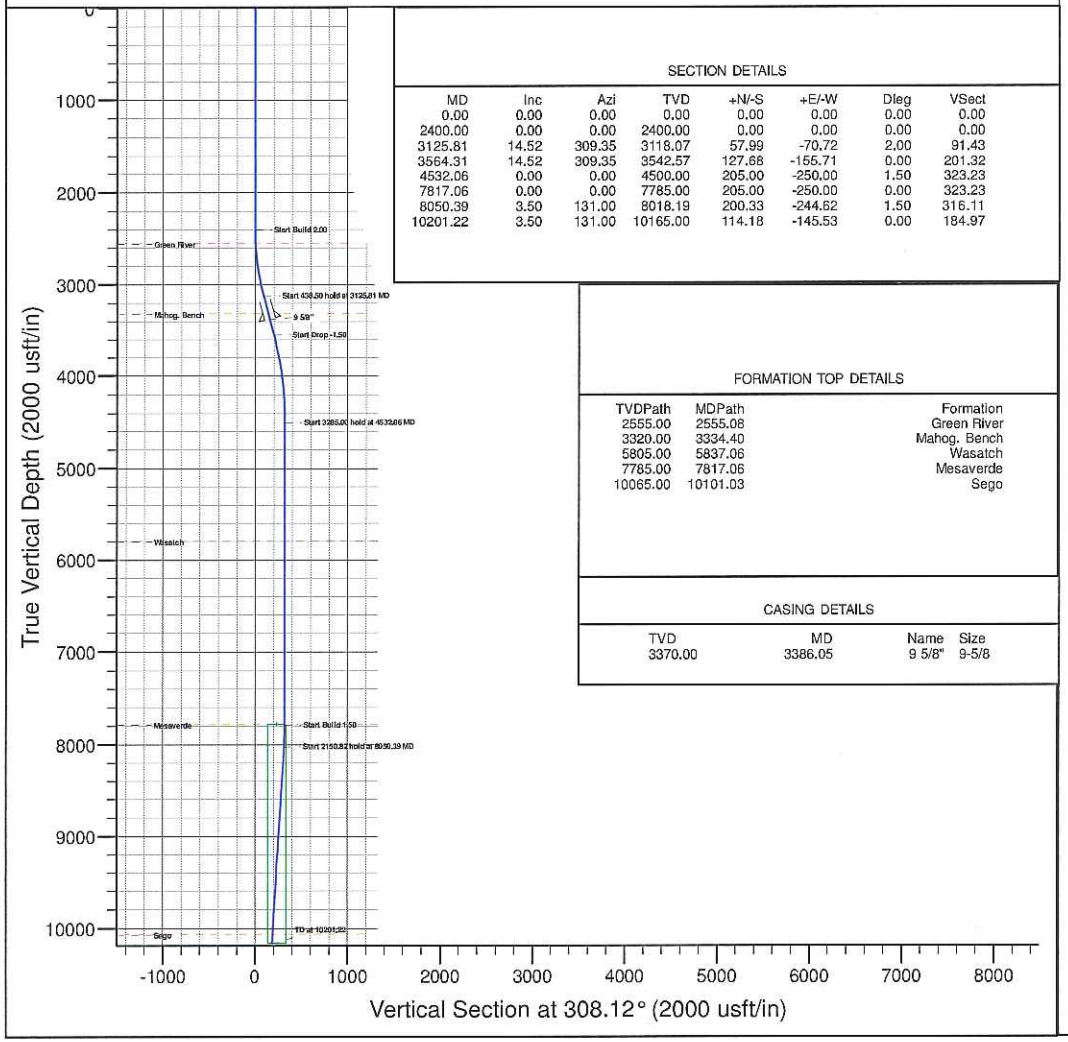
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00
3125.81	14.52	309.35	3118.07	57.99	-70.72	2.00	91.43
3564.31	14.52	309.35	3542.57	127.68	-155.71	0.00	201.32
4532.06	0.00	0.00	4500.00	205.00	-250.00	1.50	323.23
7817.06	0.00	0.00	7785.00	205.00	-250.00	0.00	323.23
8050.39	3.50	131.00	8018.19	200.33	-244.62	1.50	316.11
10201.22	3.50	131.00	10165.00	114.18	-145.53	0.00	184.97

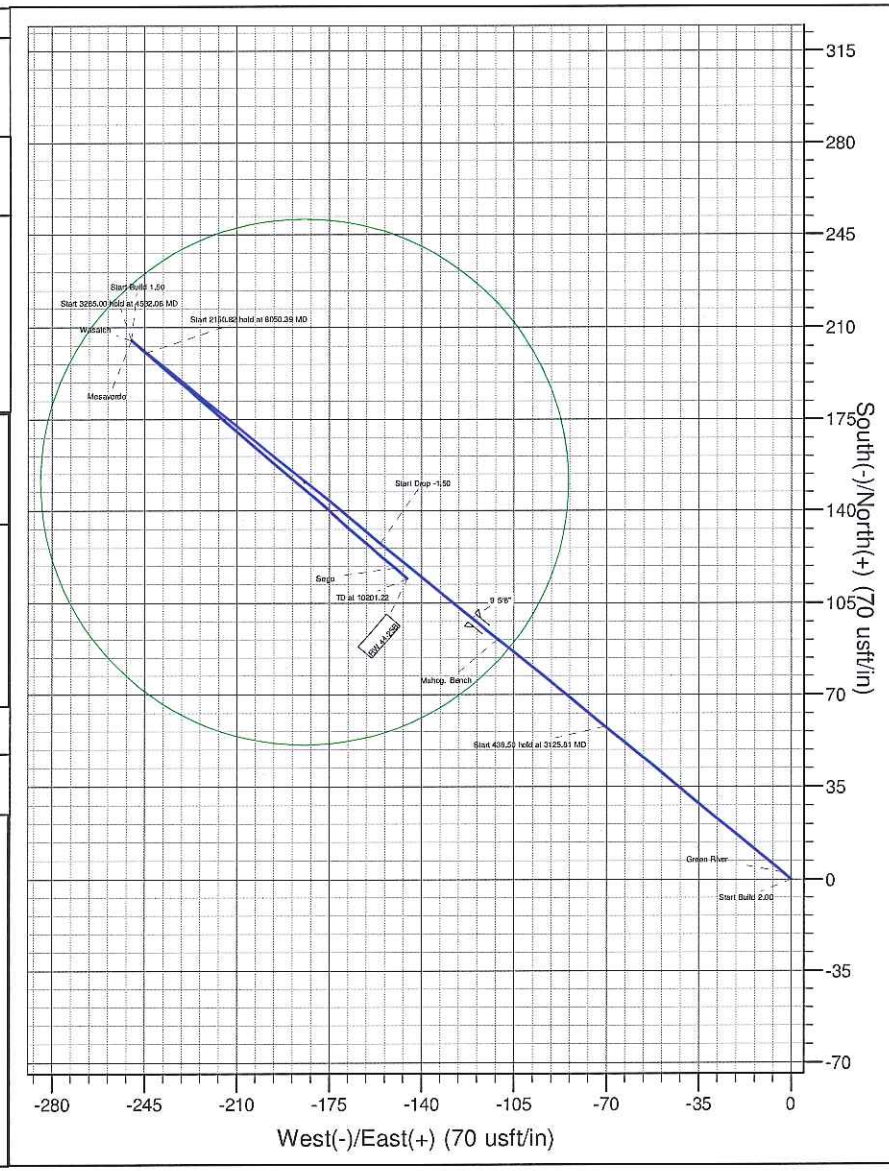
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2555.00	2555.08	Green River
3320.00	3334.40	Mahog. Bench
5805.00	5837.06	Wasatch
7785.00	7817.06	Mesaverde
10065.00	10101.03	Sego

CASING DETAILS

TVD	MD	Name	Size
3370.00	3386.05	9 5/8"	9-5/8





Sundry Number: 32823 API Well Number: 43047517190000

QEP Energy Company

11002 East 17500 South
Vernal, UT 84078
Telephone 435-781-4331
Fax 435-781-4395

jan.nelson@qepres.com

December 4, 2012

Ms. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11
Red Wash Unit
RW 44-25B
645' FSL, 813' FEL, SESE, SECTION 25, T7S, R23E(Surface)
759' FSL, 958' FEL, SESE, SECTION 25, T7S, R23E (Bottom Hole)
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely,

Jan Nelson
Permit Agent

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 44-25B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047517190000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/29/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 01, 2013

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 6/25/2013

RECEIVED: Jun. 25, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517190000

API: 43047517190000
Well Name: RW 44-25B
Location: 0645 FSL 0813 FEL QTR SESE SEC 25 TWNP 070S RNG 230E MER S
Company Permit Issued to: QEP ENERGY COMPANY
Date Original Permit Issued: 6/29/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Valyn Davis **Date:** 6/25/2013
Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED: Jun. 25, 2013

Sundry Number: 46602 API Well Number: 43047517190000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU0823

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
RED WASH

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
RW 44-25B

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

9. API NUMBER:
43047517190000

3. ADDRESS OF OPERATOR:
11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER:
303 308-3068 Ext

9. FIELD and POOL or WILDCAT:
RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/7/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS TO CHANGE THE RW 44-25B TO A HORIZONTAL GAS WELL. NEW BOTTOM HOLE FOOTAGES ARE: 234' FSL, 2217' FWL, SEC. 18, SESW, T7S, R24E, LAT: 40.202919, LONG: 109.258069. TD WILL BE CHANGED FROM 10,101' MD TO 20,367' MD. NO ADDITIONAL SURFACE DISTURBANCE IS REQUIRED FOR THIS ACTION. QEP ENERGY COMPANY REQUESTS THIS WELL BE FILED AS "CONFIDENTIAL". PLEASE SEE ATTACHED: LEGAL PLAT, DRILL PLANS, DIRECTIONAL PLANS.

Approved by the Utah Division of Oil, Gas and Mining

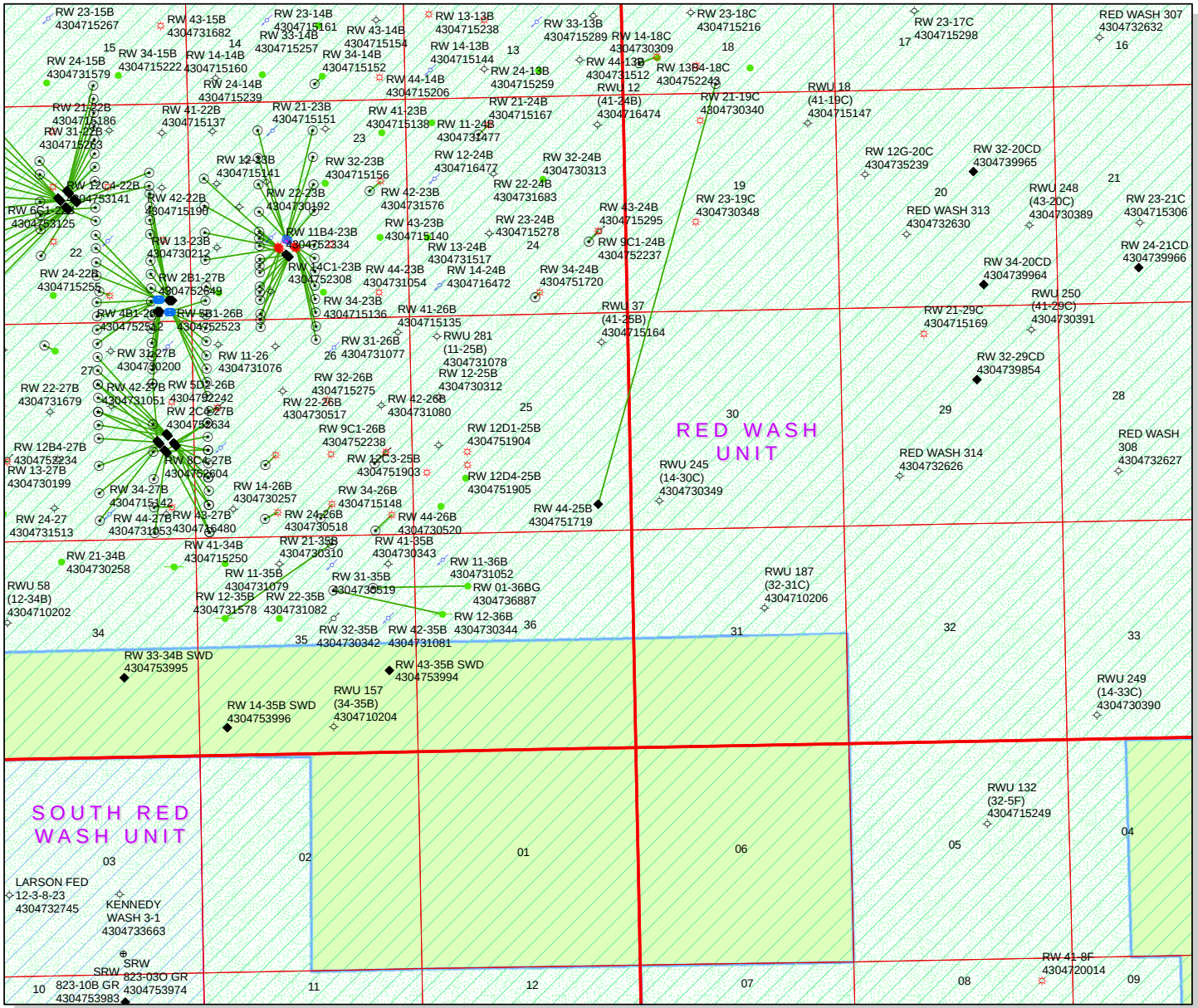
Date: January 13, 2014

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst

SIGNATURE	DATE
N/A	1/7/2014

RECEIVED: Jan. 07, 2014



API Number: 4304751719

Well Name: RW 44-25B

Township: T07.0S Range: R23.0E Section: 25 Meridian: S

Operator: QEP ENERGY COMPANY

Map Prepared: 1/9/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

3,100 1,550 0 3,100 Feet

1:30,000

RECEIVED: Jan. 09, 2014

T7S, R23E, S.L.B.&M.

QEP ENERGY COMPANY

Well location, RW #44-25B, located as shown in the SE 1/4 SE 1/4 of Section 25, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

N

1000' 500' 0' 1000'

SCALE

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'10.51" (40.202919)	LATITUDE = 40°10'30.27" (40.175075)
LONGITUDE = 109°15'29.05" (109.258069)	LONGITUDE = 109°16'08.05" (109.268903)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°12'10.64" (40.202956)	LATITUDE = 40°10'30.40" (40.175111)
LONGITUDE = 109°15'26.61" (109.257392)	LONGITUDE = 109°16'05.61" (109.268225)
STATE PLANE NAD 83	STATE PLANE NAD 83
N: 7250486.70 E: 2266543.08	N: 7240271.17 E: 2263771.47

NW Cor. Sec. 18 Set Corner

N00°11'02"W - 2641.14' (Meas.)

LOT 1

LOT 2

18

1936 Brass Cap, 0.4 High, Scattered Stones

S00°10'22"E - 2641.35' (Meas.)

LOT 3

LOT 4

Target Bottom Hole

2217'

NE Cor. Sec. 19 1936 Brass Cap, Flush W/Ground, Pile of Stones

1936 Brass Cap, 0.6 High, Pile of Stones

N89°59'11"E - 5135.75' (Meas.)

234'

LOT 1

N16°27'53"E 10588.26'

LOT 2

N00°09'54"W - 5281.31' (Meas.)

19

LOT 3

R 23 E

R 24 E

LOT 4

SE Cor. Sec. 19 1936 Brass Cap, 0.5' High, Scattered Stones

1936 Brass Cap, 0.6' High, Pile of Stones

N89°50'24"E - 2638.36' (Meas.)

N89°50'22"E - 2638.42' (Meas.)

S89°57'50"W - 2498.45' (Meas.)

S89°56'39"W 2640.34' (Meas.)

1936 Brass Cap, 0.4' High, Pile of Stones

1936 Brass Cap, 0.3' High, Pile of Stones

1936 Brass Cap, 0.2' High, Pile of Stones

N00°07'51"W - 2639.70' (Meas.)

LOT 1

S00°10'10"E - 2641.25' (Meas.)

LOT 2

1936 Brass Cap, 0.8' High, Pile of Stones

25

1936 Brass Cap, 0.3' High, Pile of Stones

30

N00°07'59"W - 2638.93' (Meas.)

RW #44-25B

Elev. Ungraded Ground = 5550'

813'

645'

S00°09'20"E - 2640.00' (Meas.)

1936 Brass Cap, 0.2' High, Pile of Stones

1936 Brass Cap, 0.3' High, Pile of Stones

S89°52'35"W - 2639.71' (Meas.)

S89°51'35"W - 2639.90' (Meas.)

1936 Brass Cap, 0.6' High, Pile of Stones

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

REV: 11-12-13 S.S.
REV: 10-10-12 K.O.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	01-18-11	02-01-11
PARTY: A.F. J.C. J.I.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

QEP Energy Company
RW 44-25B
Summarized New Drill Lower Mesa Verde Horizontal Procedure

1. MIRU drilling rig.
2. Drill 12-1/4" hole to 3,429'.
3. RIH with 9-5/8" 40# N-80 casing to bottom.
4. Cement casing.
5. NU rig's 5,000 WP rated BOP.
6. Drill vertically to 9,441'.
7. TOOH and PU curve assembly.
8. TIH.
9. Build curve per directional plan to land in the Lower Mesa Verde.
10. LDDP.
11. RIH with 7" 29# P-110HC to 10,311'.
12. Cement casing.
13. PU 4"DP and lateral assembly.
14. Drill out cement.
15. Drill ~10,056' of lateral at ~16.61° azimuth, following formation dip.
    a. Mud system to be Oil Based. Weights are expected to be in the 10.0 – 11.0 ppg range.
16. PU 4 1/2" 15.1# P-110HC CDC casing and run to 50' off bottom of the TD of 20,367'.
17. Cement casing.
18. ND BOP's.
19. RDMOL.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 44-25B

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

*This is a horizontal well:

Formation	Depth, TVD	Depth, MD
Green River	2,579'	2,579'
Bird's Nest	2,808'	2,808'
Mahogany	3,379'	3,379'
Base of Mod Saline	5,479'	5,479'
Wasatch	5,504'	5,504'
Mesaverde	7,853'	7,853'
Kick Off Point	9,441'	9,441'
TD	10,539'	20,367'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the tops of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered as follows:

Substance	Formation	Depth, TVD	Depth, MD
Oil/Gas	Green River	2,579'	2,579'
Oil/Gas	Wasatch	5,504'	5,504'
Oil/Gas	Mesaverde	7,853'	7,853'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right 49-251 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at LaPoint Recycling and Storage in Section 12, T5S R19E of Uintah County, UT or Red Wash Disposal site; SESE, Section 28, T7S, R23E or West End Disposal Site; NESE, Section 28, T7S, R22E.

3. Operator's Specification for Pressure Control Equipment

A. An 11" 5000 psi double ram with blind rams and pipe rams annular preventer and drilling spool or BOP with 2 side outlets.

B. All BOP connections subject to pressure shall be flanged, welded or clamped.

C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.

D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.

E. IBOP or float sub available.

F. Fill up line must be installed above the uppermost preventer.

G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 44-25B

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
17-1/2 "	14"	sfc	80'	Steel	Cond.	None	Used	Air
12 ¼"	9 5/8"	sfc	3,429'	40.0	N-80	LTC	New	8.8-9.3ppg
8 ¾"	7"	sfc	10,311'	29.0	P-110HC	LTC	New	9-10.5 ppg
6 1/8"	4 ½"	sfc	20,317'	15.1	P-110HC	CDC	New	10–11.0 ppg

The lateral will be lined with casing 50' off bottom and cemented to surface.

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	40.0 lb.	N-80	LTC	3,090 psi	5,750 psi	727,000 lb.
7"	29.0 lb.	P-110HC	LTC	9,750 psi	11,220 psi	797,000 lb.
4 ½"	15.1 lb.	P-110HC	CDC	15,130 psi	14,420 psi	485,000 lb.

Please refer to the attached wellbore diagram for further details.

5. Cementing Program

14" Conductor:
Cement to surface with construction cement.

9-5/8" Surface Casing: SFC – 3,429' (MD)
Lead Slurry: Surface (TOC) – 2,929'. 515 sks (1,607 ft^3) Halliburton Extendacem, 1 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 11.0 ppg, 3.12 ft^3/sk, 75% XS in open hole only.

Tail Slurry: 2,929' – 3,429'. 198 sx (291ft^3) Halliburton Econocem, 0.2% HR-5 Retarder, 1.0 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 13.5 ppg, 1.47 ft^3/sk, 75% XS in open hole.

7" Intermediate Casing: sfc – 10,311' (MD)
Lead: Sfc – 7,353' 486 sks (1,428 cu ft) Halliburton ECONOCEM V4+ 3 LBM/SK Kol-Seal (LCM) + 0.1% HR-800 (Retarder). Slurry Weight 11 lb/gal, Slurry Yield 2.94 ft^3/sk, with 50% Excess

Tail Slurry: 7,353' – 10,311'. 453 sks (675 cu ft) Halliburton EXPANDACEM V3 + 0.2% HR-800 (Retarder) + 0.125 lbm/sk Poly-E-Flake (LCM) + 1 lbm/sk Granulite TR ¼ (LCm). Slurry wt: 13.5 ppg, Slurry yield: 1.49 ft^3/sk, with 50% excess.

4-1/2" Production Casing: sfc – 20,317' (MD)

Lead: Sfc – 7,353' 296 sks (895 cu ft) Halliburton ECONOCEM V4+ 3 LBM/SK Kol-Seal (LCM) + 0.1% HR-800 (Retarder). Slurry Weight 11.5 lb/gal, Slurry Yield 2.44 ft^3/sk.

Tail Slurry: 7,353' – 20,317'. 1,044 sks (1,566 cu ft) Halliburton EXPANDACEM V3 + 0.6% HR-800 (Retarder) + 0.125 lbm/sk Poly-E-Flake (LCM) + 1 lbm/sk Granulite TR ¼ (LCm). Slurry wt: 13.5 ppg, Slurry yield: 1.50 ft^3/sk, with 35% excess.

6. Auxilliary Equipment

A. Kelly Cock – yes

B. Float at the bit – Yes

C. Monitoring equipment on the mud system – PVT/Flow Show

D. Full opening safety valve on the rig floor – Yes

E. Rotating Head – Yes

F. Drilling below 14" Conductor will be done with water. Drilling below the 9-5/8" casing will be done with water based mud. Drilling below the 7" will be done with Oil Based Mud. Maximum anticipated mud weight is 11.0 ppg.

G. No minimum quantity of weight material will be required to be kept on location.

H. Gas detector will be used from surface casing depth to TD.

7. Testing, Logging, and Coring Program

a. Cores – None Anticipated

b. DST – None Anticipated

c. Logging:
   i. Mud logging from surface casing point to TD
   ii. OH Logs: GR-SP-Induction, Neutron Density to be run in the intermediate section to KOP.
   iii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.

d. Formation and completion interval: Lower Mesa Verde. Stimulation: stimulation will be designed for the particular area of interest encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated.
Maximum anticipated bottom hole pressure (approx, psi): 6,028
Maximum anticipated bottom hole temperature (approx, deg F): 190

H2S has not been encountered in other wells drilled to similar depths in the general area.

9. Additional Information For Oil Base Mud

A. A reserve pit will be constructed for this location. This pit will be constructed so that a minimum of two vertical feet of freeboard exists above the top of the pit at all times and at least one-half of the holding capacity will be below ground level. The pit will be lined with a synthetic reinforced liner, 0.030" (0.75 mm +/-) thick, with sufficient bedding used to cover any rocks prior to putting any fluids into the pit. The pad will be designed so that runoff from adjacent slopes does not flow into the reserve pit. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. This cuttings pit will be used for oil based cuttings generated during drilling of the production hole.

B. Oil-base mud will be mixed in the closed circulating system and transferred to one or more 400 bbl or 500 bbl tanks (as available) on location for storage prior to and after drilling operations. Drip pans will be installed below the rotary beams on the substructure and can be viewed on site from the cellar area. As the production section of the hole is drilled, the cuttings transported to the surface with the drilling fluid will be mechanically separated from the drilling fluid as waste by two shale-shakers and then cleaned/dried via a mud cleaner and/or centrifuge. These separated cuttings will be transferred to the cuttings pit nearest the shakers and stored in this cuttings pit for solidification after the rig is released and moved off location.

C. The means to transport the cuttings from the solids control equipment to the OBM cuttings pit will be dictated by the size of the location:

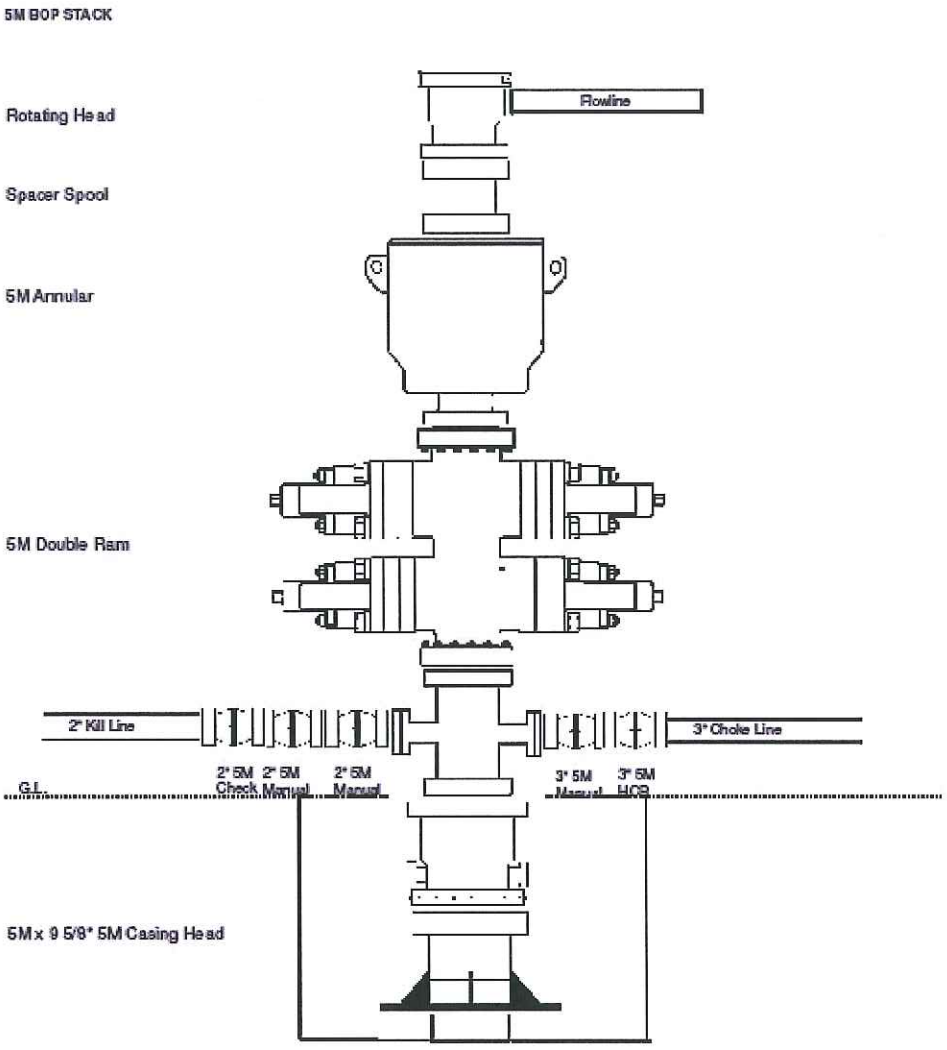
   a. Option 1: By track-hoe or similar equipment from a cuttings bin to the cuttings pit.
   b. Option 2: By 10" PVC pipe or equivalent steel piping. Water will be pumped to the solids control equipment and will convey the OBM cuttings from the solids control equipment to the OBM cuttings pit via the PVC pipe. The water will be recycled multiple times from the cuttings pit to continue to transport the cuttings to the cuttings pit. The conveyance system will be enclosed on the solids control end to prevent spills. The conveyance piping system at the cuttings pit end will be placed on top of pit liner to eliminate absorption of fluids into the soil.

D. Plastic material will underlay the rig, oil base mud/diesel storage tanks and mud pits. All tanks on location will be placed inside of berms. Any oily waste fluids and sediments generated at the work site during drilling operations or when cleaning the fluid containment system after drilling will also be placed into the cuttings pit.

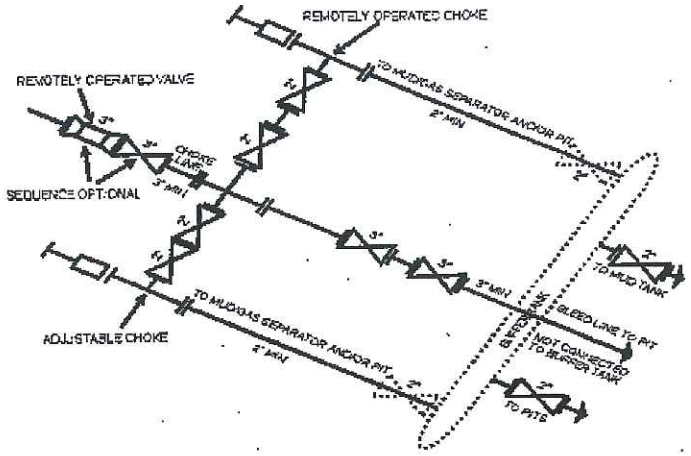
E. All rig ditches will be lined and directed to a lined sump for fluid recovery. A drip pan will be installed on the BOP stack, a mud bucket will be utilized as needed on connections and a vacuum system will be used on the rig floor for fluid recovery in those areas.

F. Once all waste has been placed in the cuttings pit and all necessary approvals obtained, the oilfield waste management consultant Soli-Bond or a similar company will mobilize equipment and personnel to the site to perform the cement based solidification/stabilization process in-situ for encapsulation. Soil will be backfilled over the processed material used on the cuttings pit and will be returned to the existing grade bordering the pit.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 44-25B



ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 44-25B



5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of consolidating the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to these situations.

[54 FR 39528, Sept. 27, 1989]

RW 44-25B

Updated 12-19-2013 CRA

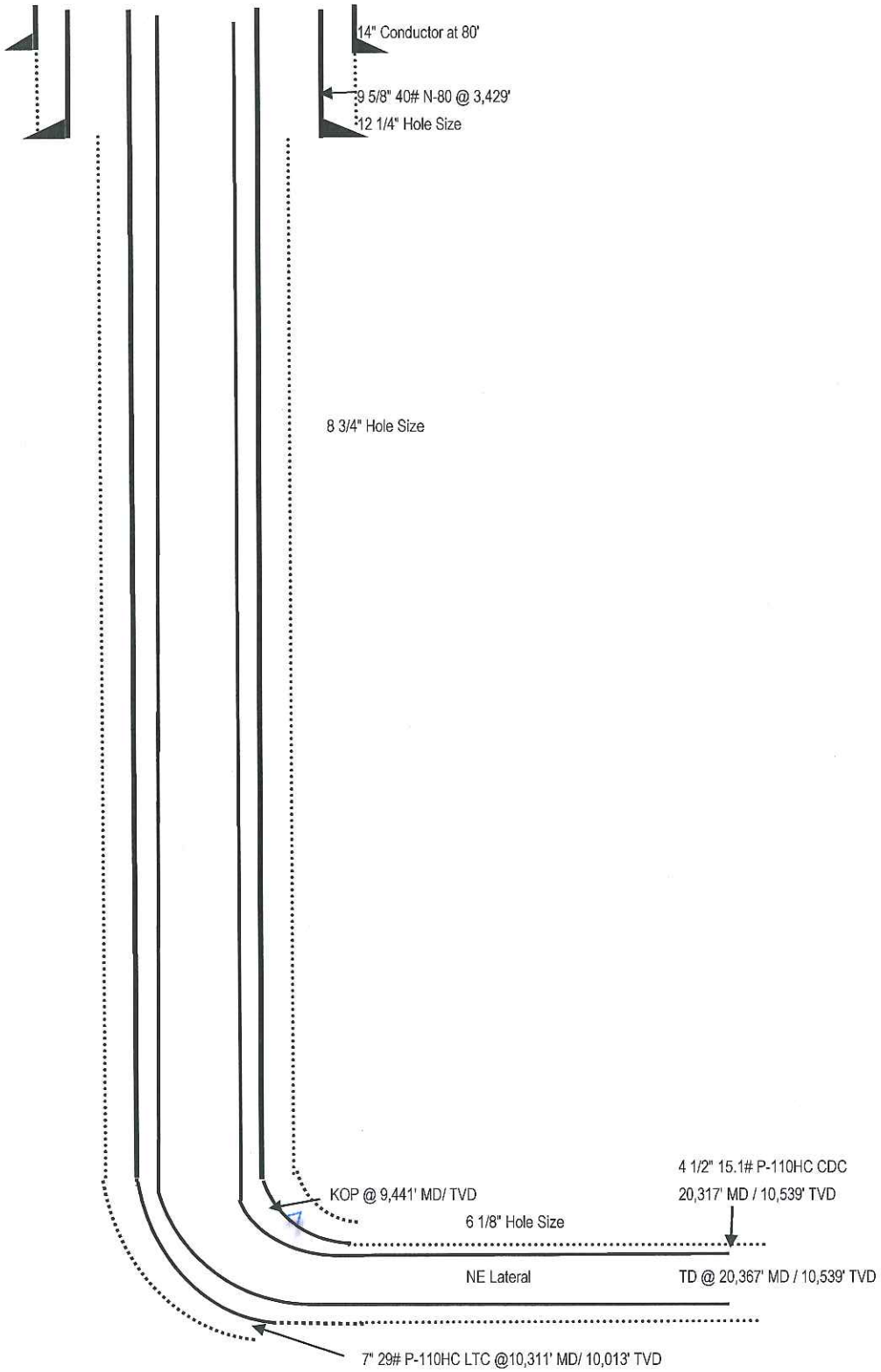
Proposed WBD

Uinta Basin

SHL: Sec 25-T7S-R23E, Uintah County, UT
BHL: Sec 18-T7S-R23E, Uintah County, UT

KB: 5,579'
GL: 5,549'

NOTE: NOT TO SCALE



QEP Energy Company

QEP ENERGY (UT)

Red Wash
RW 44-25B
RW 44-25B

Original Hole

Plan: Plan ver.1

Standard Planning Report

14 November, 2013

QEP Energy Company

QEP Energy Company

QEP Resources, Inc.
Planning Report

QEP Energy Company

Database:	Compass	**Local Co-ordinate Reference:**	Well RW 44-25B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5579.30usft (SST 88)
Project:	Red Wash	**MD Reference:**	RKB @ 5579.30usft (SST 88)
Site:	RW 44-25B	**North Reference:**	True
Well:	RW 44-25B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan ver.1		

Project	Red Wash		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	RW 44-25B				
Site Position:		**Northing:**	7,240,271.137 usft	**Latitude:**	40.175075
From:	Lat/Long	**Easting:**	2,263,771.528 usft	**Longitude:**	-109.268903
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.43 °

Well	RW 44-25B					
Well Position	**+N/-S**	0.03 usft	**Northing:**	7,240,271.170 usft	**Latitude:**	40.175075
	+E/-W	-0.06 usft	**Easting:**	2,263,771.470 usft	**Longitude:**	-109.268903
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,549.30 usft	**Ground Level:**	5,549.30 usft

Wellbore	Original Hole			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	7/9/2012	10.86	66.03	52,345

Design	Plan ver.1			
Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	16.61

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,440.51	0.00	0.00	9,440.51	0.00	0.00	0.00	0.00	0.00	0.00	
10,310.51	87.00	16.61	10,012.68	520.32	155.20	10.00	10.00	0.00	16.61	
20,367.05	87.00	16.61	10,539.00	10,144.07	3,025.79	0.00	0.00	0.00	0.00	RW 44-25B

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,440.51	0.00	0.00	9,440.51	0.00	0.00	0.00	0.00	0.00	0.00
10,310.51	87.00	16.61	10,012.68	520.32	155.20	542.97	10.00	10.00	0.00
20,367.05	87.00	16.61	10,539.00	10,144.07	3,025.79	10,585.73	0.00	0.00	0.00

QEP Energy Company

QEP Resources, Inc.
Planning Report

QEP Energy Company

Database:	Compass	**Local Co-ordinate Reference:**	Well RW 44-25B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5579.30usft (SST 88)
Project:	Red Wash	**MD Reference:**	RKB @ 5579.30usft (SST 88)
Site:	RW 44-25B	**North Reference:**	True
Well:	RW 44-25B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan ver.1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 44-25B - plan hits target center - Point	0.00	0.00	10,539.00	10,144.07	3,025.79	7,250,486.700	2,266,543.080	40.202920	-109.258071

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
3,429.00	3,429.00	9 5/8"	9-5/8	12-1/4
10,310.51	10,012.68	7"	7	8-3/4
20,367.05	10,539.00	4 1/2"	4-1/2	6-1/8

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,579.00	2,579.00	Green River fm		0.00	
2,808.00	2,808.00	Top of Birds Nest		0.00	
3,077.00	3,077.00	Base of Birds Nest		0.00	
3,379.00	3,379.00	Mahogony Bench		0.00	
5,479.00	5,479.00	Base of Mod Saline		0.00	
5,504.00	5,504.00	Wasatch			
7,853.00	7,853.00	Mesaverde		3.00	16.61

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 10.86°
Magnetic Field
Strength: 52344.5nT
Dip Angle: 66.03°
Date: 7/9/2012
Model: IGRF2010

Project: Red Wash
Site: RW 44-25B
Well: RW 44-25B
Wellbore: Original Hole
Design: Plan ver.1

WELL DETAILS: RW 44-25B
Original Hole

Ground Level: 5549.30

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7240271.170	2263771.470	40.175075	-109.268903	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RW 44-25B, True North
Vertical (TVD) Reference: RKB @ 5579.30usft (SST 88)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5579.30usft (SST 88)
Calculation Method: Minimum Curvature

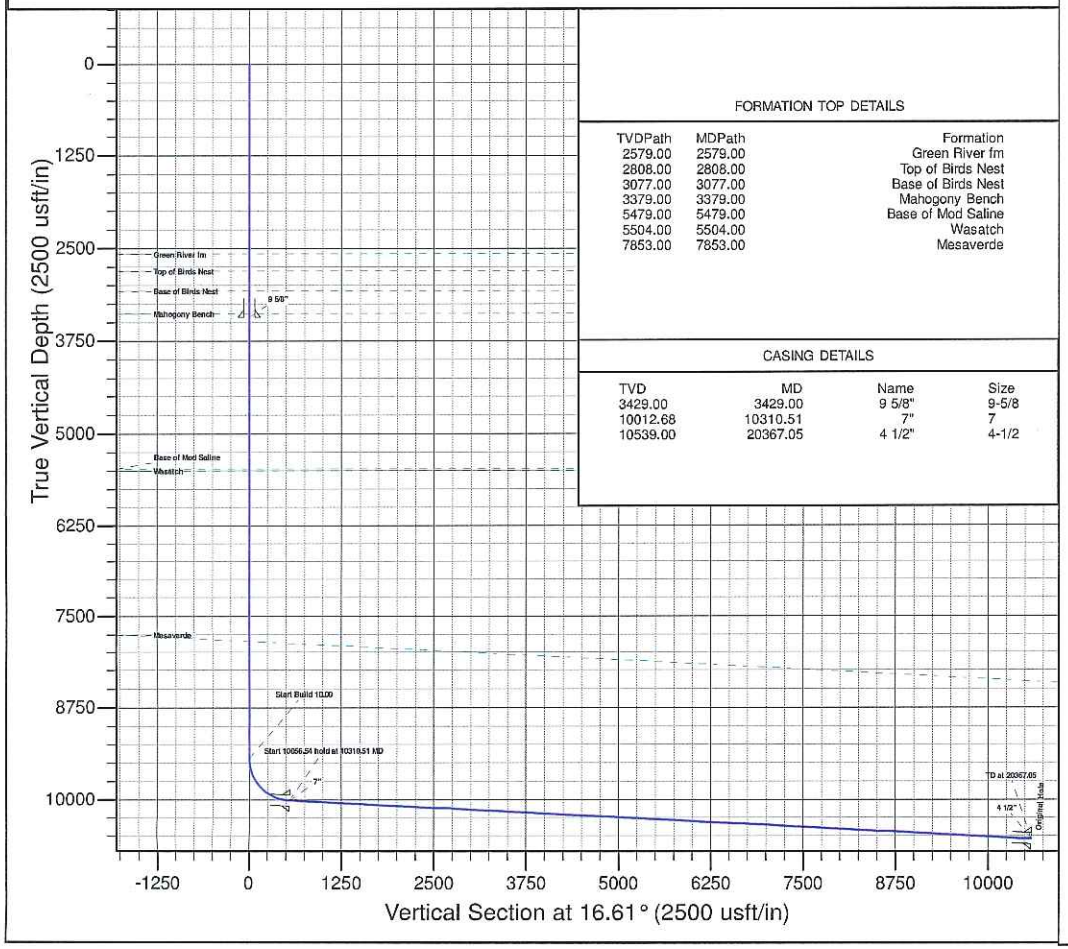
PROJECT DETAILS: Red Wash

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9440.51	0.00	0.00	9440.51	0.00	0.00	0.00	0.00
10310.51	87.00	16.61	10012.68	520.32	155.20	10.00	542.97
20367.05	87.00	16.61	10539.00	10144.07	3025.79	0.00	10585.73

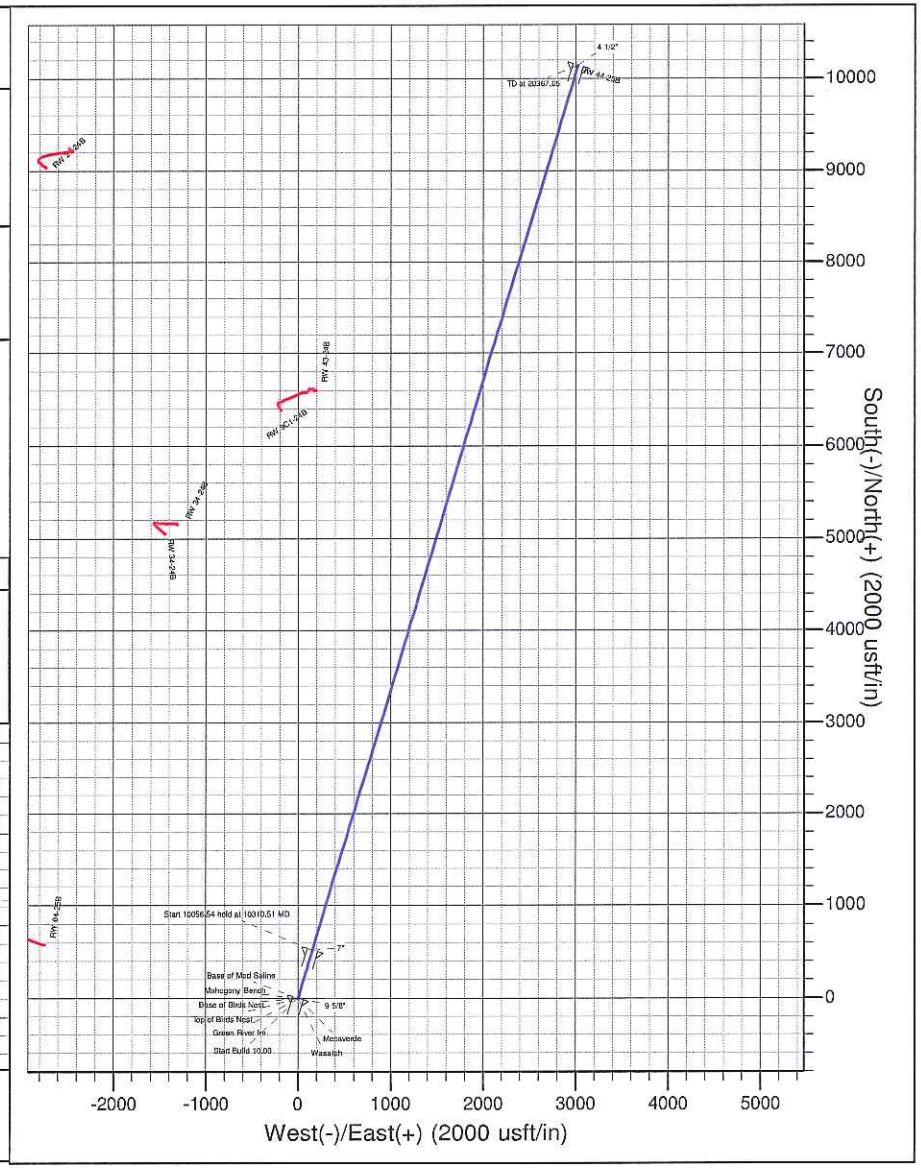


FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2579.00	2579.00	Green River fm
2808.00	2808.00	Top of Birds Nest
3077.00	3077.00	Base of Birds Nest
3379.00	3379.00	Mahogany Bench
5479.00	5479.00	Base of Mod Saline
5504.00	5504.00	Wasatch
7853.00	7853.00	Mesaverde

CASING DETAILS

TVD	MD	Name	Size
3429.00	3429.00	9 5/8"	9-5/8
10012.68	10310.51	7"	7
10539.00	20367.05	4 1/2"	4-1/2



Sundry Number: 46602 API Well Number: 43047517190000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 44-25B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047517190000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/29/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining
July 01, 2014
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 6/30/2014

RECEIVED: Jun. 30, 2014

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517190000

API: 43047517190000
Well Name: RW 44-25B
Location: 0645 FSL 0813 FEL QTR SESE SEC 25 TWNP 070S RNG 230E MER S
Company Permit Issued to: QEP ENERGY COMPANY
Date Original Permit Issued: 6/29/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Valyn Davis **Date:** 6/30/2014
Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED: Jun. 30, 2014

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 17 2013
BLM

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU0823

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
892000761D

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
RW 44-25B

2. Name of Operator
QEP ENERGY COMPANY
Contact: VALYN DAVIS
E-Mail: Valyn.Davis@qepres.com

9. API Well No.
43-047-51719-00-X1

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435-781-4369
Fx: 435-781-4395

10. Field and Pool, or Exploratory
RED WASH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 25 T7S R23E SESE 645FSL 813FEL
40.175075 N Lat, 109.268903 W Lon

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP ENERGY COMPANY HEREBY REQUESTS A TWO YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

BLM APPROVAL DATE: 11/30/2011

RECEIVED
AUG 27 2014
DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE
ENG. MC 8/7/14
GEOL.
E.S.
PET.
RECL.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #222633 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 10/31/2013 (14LBB2361SE)

Name *(Printed/Typed)* VALYN DAVIS — Title REGULATORY AFFAIRS ANALYST

Signature (Electronic Submission) — Date 10/10/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title Assistant Field Manager Lands & Mineral Resources — AUG 05 2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED**

UDOGM

Revisions to Operator-Submitted EC Data for Sundry Notice #222633

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	UTU0823	UTU0823
Agreement:	892000761D	892000761D (UTU63010D)
Operator:	QEP ENERGY COMPANY 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435-781-4369	QEP ENERGY COMPANY 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435-781-4032 Fx: 435-781-4045
Admin Contact:	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: valyn.davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: Valyn.Davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395
Tech Contact:	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: valyn.davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: Valyn.Davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395
Location: State: County:	 UT UINTAH	 UT UINTAH
Field/Pool:	RED WASH	RED WASH
Well/Facility:	RW 44-25B Sec 25 T7S R23E Mer SLB SESE 645FSL 813FEL 40.175075 N Lat, 109.268903 W Lon	RW 44-25B Sec 25 T7S R23E SESE 645FSL 813FEL 40.175075 N Lat, 109.268903 W Lon

CONDITIONS OF APPROVAL

QEP Energy Company
Notice of Intent
APD Extension

Lease: UTU-0823
Well: RW 44-25B
Location: SESE Sec 25 T7S-R23E

An extension for the referenced APD is granted with the following conditions:

---

1. The APD extension shall expire on 11/30/15

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Michael Riches of this office at (435) 781-4438

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 44-25B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047517190000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 11/19/2014	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ON DECEMBER 19, 2014, QEP ENERGY COMPANY SET 80' OF 14" CONDUCTOR PIPE WITH READY MIX.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 20, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 11/19/2014

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# SST#88 Submitted By JIMMY KITTRELL Phone Number 435 828 0396
Well Name/Number RW 44-25B
Qtr/Qtr SESE Section 25 Township 7S Range 23E
Lease Serial Number UTU 0823
API Number 43-047-51719-00-X1

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 11/18/2014 08:00 AM
☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time __ ____ AM ☐ PM ☐

Remarks PETE MARTIN WILL BE SETTING 80' OF 14" CONDUCTOR ON TUESDAY MORNING 11/18/2014

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# SST#88 Submitted By JIMMY KITTRELL Phone Number 435 828 0396
Well Name/Number RW 44-25B
Qtr/Qtr SESE Section 25 Township 7S Range 23E
Lease Serial Number UTU 0823
API Number 43-047-51719-00-X1

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☒ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 12/17/2014 14:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time __ ____ AM ☐ PM ☐

Remarks WE WILL BE DONE DRILLING INTERMEDIATE ON 12-16-2014 @ 21:00 PM AND LAY DOWN DRILL PIPE, START RUNNING CASING EARLY AFTERNOON ON 12/17/2014 @ 14:00 PM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU0823

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
RED WASH

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
RW 44-25B

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

9. API NUMBER:
43047517190000

3. ADDRESS OF OPERATOR:
11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER:
303 308-3068 Ext

9. FIELD and POOL or WILDCAT:
RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 2/8/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☑ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL COMMENCED PRODUCTION ON FEBRUARY 8, 2015 @ 3:15 P.M.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 17, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE		**DATE**
N/A		2/9/2015

RECEIVED: Feb. 09, 2015

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: Red Wash

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: RW 44-25B

2. NAME OF OPERATOR: QEP Energy Company

9. API NUMBER: 4304751719

3. ADDRESS OF OPERATOR: 11002 East 17500 South CITY Vernal STATE UT ZIP 84078

PHONE NUMBER: (303) 260-6745

10 FIELD AND POOL, OR WILDCAT: Red Wash

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: SESE, 25-T7S-R23E, 645' FSL, 813' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: SESE, 25-T7S-R23E, 792' FSL, 690' FEL

AT TOTAL DEPTH: NWSW, 19-T7S-R23W, 1398' FSL, 1147' FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 25 7S 23E S

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED:		17. ELEVATIONS (DF, RKB, RT, GL):
11/18/2014	1/5/2015	2/8/2015	ABANDONED ☐ READY TO PRODUCE ☑	5549

18. TOTAL DEPTH:	19. PLUG BACK T.D.:	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE PLUG SET:
MD 16,100 TVD 10,008	MD TVD	Single	MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Triple combo, CBL

23.

WAS WELL CORED?	NO ☑	YES ☐	(Submit analysis)
WAS DST RUN?	NO ☑	YES ☐	(Submit report)
DIRECTIONAL SURVEY?	NO ☐	YES ☑	(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	20 K-55	94	0	80	80	65	80	0	
12.25	9.625 HCP	40	0	3,453	3,453	865	385	0	
8.75	7 HCP	29	0	10,315	10,315	1350	400	0	
6.125	4.5 HCQ	15.1	9,275	16,110					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA			NA			NA		

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mesaverde	9,900	16,016	9,900	10,008
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
9,900	10,105	0.37	182	Open ☑ Squeezed ☐
10,105	16,016	0.75	810	Open ☑ Squeezed ☐
				Open ☐ Squeezed ☐
				Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☑ NO ☐ IF YES -- DATE FRACTURED: 2/4/2015

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9900'-16016'	166,236 BBLS SLICKWATER; 4,700,908 #S 30/50 SAND, 4,982,399 #S 100 MESH

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY

☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER: Drl. perf. ops

30. WELL STATUS:

(5/2013)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
2/9/2015	2/27/2015	24		214	15,767	1,460	Flow

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
4664	0	1,540			74		214	15,767	1,460	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Green River	2,601
Mahogany Marker	3,391
Wasatch	5,932
Mesaverde	7,835
Sego	9,920

35. ADDITIONAL REMARKS (Include plugging procedure)

Sliding sleeve on 10105'-16016' perforation. QEP requests confidential status.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Laura Abrams TITLE Sr. Regulatory Affairs Analyst

SIGNATURE [signature] DATE 3/19/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2013)

Daily Activity and Cost Summary

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Job Category	Primary Job Type	Secondary Job Type	Objective
DRILLING	AFE - DRL-DR (Drilling)		

Start Date	Job End Date
11/27/2014	1/13/2015

Purpose

Summary

Contractor	RIG	Rig Type
SST Energy	SST 88	ROTARY RIG

RPT #	Start Date	Summary
1	11/27/2014	RIG DOWN READY FOR TRUCKS
2	11/28/2014	READY DERRICK AND LAY OVER,UNSTRING. RIG DOWN BUSTER AND SET OUT BACK YARD AND CLEAN ON RIG WHILE RIGGING DOWN. MOVE HOUSES AND RIG UP. WAIT ON DAYLINGHT
3	11/29/2014	FINISH RIGGING DOWN SUBS AND BACK YARD ON OLD LOCATION, MOVE TO NEW LOCATION AND SET SUB MATS, AND START SETTING BACK YARD, WELD WIND WALLS ON OLD DOG HOUSE
4	11/30/2014	FINISH SETTING BACK YARD, RIG UP GAS BUSTER AND CHIKE. SET BOTTOM SECTIONS OF SUBS, CLEAN ON DERRICK. START WELDING DOG HOUSE BRACES ON UPPER SUBS
5	12/1/2014	SET TOP SUBS, INSTALL SPREADERS, SET PIT SIDE DOGHOUSE AND STAIRS, SET DRY SHAKER, AND OBM FARM, PAINT DERRICK, PAINT DERRICK ANS WELD ON DOG HOUSE LEGSAND SET OFF SIDE DOGHOUSE
6	12/2/2014	REPAIR DRAWORKS, PAINT DERRICK, SET DRAWORKS ON FLOOR, SET BACK SCR DOGHOUSE AND DRILLERS DOG HOUSE, SWING AND PIN DERRICK ON FLOOR
7	12/3/2014	STRING UP BLOCKS AND DERRICK, LINE UP DYNAMATIC ON DRAWORKS, FIRE UP BOILER CIRCULATE STEAM AND WATER, RAISE DERRICK AND PICK UP TOPDRIVE, RIG UP FLOOR, RUN PASON AND ELETRICAL LINES
8	12/4/2014	RIG UP TOPDRIVE FILL MUD TANKS, REPAIR RIG DRAWORKS (B)TRACTION MOTOR, INSTALL V-DOOR WIND WALLS, WELD ON CONDUCTOR AND NIPPLE UP FLOW LINE. PICK UP BHA, DRILL F/110 T/214. STAND BACK 2 STANDS AND PICK UP DIRECTIONAL TOOLS. DRILL F/214 T/284
9	12/5/2014	DRILL F/ 284' T/1015, ROUTINE RIG SERVICE, DRILL F/1015 T/ 2319 CONNECTIONS AND SURVEYS
10	12/6/2014	DRULL F/2319' T/2602', CIRCULATE SWEEP FOR WIPER TRIP, WIPER TRIP TO BIT AND BACK TO BOTTOM, DRILL F/2602' T/3453 (TD). PUMP SWEEP AND CIRC. BOTTOMS UP. WIPER TRIP TO 2500' AND BACK TO BOTTOM, CIRCULTE HIGH VIS SWEEP
11	12/7/2014	PUMP AND CIRCULATE HI VIS SWEEP FROM HOLE SPOT 180 BBLS LCM SWEEP THROUGH THE BIRDS NEST, TRIP OUT OF HOLE, RIG UP WEATHERFORD CASING CREW, RUN 78 JOINTS OF 9 5/8" SURFACE CASING, CIRCULATE FOR CEMENT AND RIG UP HALLIBURTON CEMENT EQUIPMENT, PUMP CEMENT, PLUG BUMPED AND FLOATS HELDLOST RETURNS. TEST CASING. WAIT ON CMENT, RIG UP TO PUMP TOP OUT CEMENT-, WAIT ON CEMENT, CUT OFF CASING AND WELD ON WELL HEAD
12	12/8/2014	WELD ON WELL HEAD AND TEST, NIPPLE UP BOP FLOW LINE AND CHOKE,TEST BOP TO 5000 PSI, INSTALL WEAR BUSHING, MAKE UP BHA AND TRIP IN HOLE. DRILL SHOE TRACK- FIT TEST TO 460 PSI(11.0 EMW). DRILL F/3465 T/ 4025 SURVEYS AND CONNECTIONS
13	12/9/2014	DRILL F/4025' T/5234 ROUTINE RIG SERVICE, DRILL F/5234 T/ 6084 SURVEYS AND CONNECTIONS
14	12/10/2014	DRILL F/6084' T/ 7288 ROUTINE RIG SERVICE, SURVEYS AND CONNECTIONS
15	12/11/2014	DRILL F/7288' T/ 8459 ROUTINE RIG SERVICE, SURVEYS AND CONNECTIONS
16	12/12/2014	DRILL F/8459' T/ 9260 ROUTINE RIG SERVICE, SURVEYS AND CONNECTIONS,CIRC SWEEP, WIPER TRIP TO SHOE,CIRCULATE SWEEP
17	12/13/2014	PUMP PILL,SECOND WIPER TRIP,SPOT 10% LCM,TRIP OUT,LAY DOWN BHA,LOG,PICK UP NEW BHA,TRIP IN TO SHOE,CUT DRILL LINE, TRIP IN HOLE
18	12/14/2014	TRIP TO BOTTOM,SAFTEY REAM, DRILL F/ 9260 TO 9618, WORK ON TOP DRIVE,RIG SERVICE, CONNECTION SURVEY
19	12/15/2014	BUILD CURVE,RIG SERVICE,TROUBLE SHOOT MWD,TRIP FOR MWD,ORIENT AND SLIDE F/ 9739 TO 9812
20	12/16/2014	BUILD CURVE,RIG SERVICE,CONNECTION SURVEY
21	12/17/2014	DRILL,TRIP CHANGE MOTOR,TRIP IN,CIRCULATE SWEEP,WIPER TRIP TO KOP, TRIP IN, CIRCULATE SWEEP,SPOT WALNUT.
22	12/18/2014	TRIP OUT TO KOP,LAY DOWN DRILL PIPE,RIG UP RUN CASING
23	12/19/2014	CIRC,RUN CASING,CIRC,PUMP CEMENT,SET PACK OFF AND TEST,RIG UP SWACO CHOKE,TEST BOP
24	12/20/2014	TEST BOP & CASING,SET WEAR BUSHING, CUT DRILL LINE,PICK UP BHA,RUN 4" DRILL PIPE, RIG DOWN WEATHERFORD, DRILL SHOE TRACK& 10' FORMATION, TROUBLE SHOOT MWD TOOL
25	12/21/2014	DRILL 10' FORMATION,FIT EMW 13,TROUBLE SHOOT MWD,SPOT ECD,SAFTEY STAND DOWN, TRIP OUT FOR MWD,TRIP IN HOLE LAY OUT BAD JOINTS AND REPLACE, DRILL
26	12/22/2014	DRILL,RIG SERVICE,CONNECTION SURVEY,SAFTEY STAND DOWN

Daily Activity and Cost Summary

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

RPT #	Start Date	Summary
27	12/23/2014	DRILL,CONNECTION SURVEY,CIRC SPOT ECD,TRIP OUT FOR BOND LOG & MWD,WORK BHA,BOND LOG WITH HALLIBURTON, LOGGERS DEPTH 9700'
28	12/24/2014	RUN ACUSTIC BOND LOG- LOGGERS DEPTH 9700'.MAKE UP BHA AND TRIP IN HOLE.DRILLING F/10745 T/10769. RIG SERVICE. DRILLING F/10769 T/10783, REPAIR TOPDRIVE, DRILL F/10783' T/10862', CONNECTIONS AND SURVEYS
29	12/25/2014	DRILLING F/10862 T/10957, ROUTINE RIG SERVICE, TRIP UP TO SHOE SLIP AND CUT DRILL LINE, DRILL F/10597 T/11208, CONNECTIONS AND SURVEYS
30	12/26/2014	DRILLING F/11208 T/11333. RIG SERVICE. DRILLING F/11333 T/11431', CONNECTIONS AND SURVEYS, CIRCULATE AND SPOT ECD PILL, TRIP OUT FOR BIT AND MOTOR, CHANGE BIT, MOTOR & ORIENT MWD, TRIP IN HOLE
31	12/27/2014	TRIP IN HOLE WITH NEW BIT AND MOTOR. SAFETY WASH 100' TO BOTTOM. DRILLING F/11431 T/11515, ROUTINE RIG SERVICE, DRILL F/11515' T/11790 CONNECTIONS AND SURVEYS
32	12/28/2014	DRILLING F/11790 T/11989. RIG SERVICE, DRILLING F/11989 T/12285 CONNECTIONS AND SURVEYS
33	12/29/2014	DRILLING F/12285 T/12462. RIG SERVICE, DRILLING F/12462 T/12871, CONNECTIONS AND SURVEYS
34	12/30/2014	DRILLING F/12871 T/13249, RIG SERVICE, DRILLING F/13249 T/ 13626' CONNECTIONS AND SURVEYS
35	12/31/2014	DRILLING F/13626 T/13941, RIG SERVICE, DRILLING F/13941 T/ 14267', CONNECTIONS AND SURVEYS
36	1/1/2015	DRILLING F/14267 T/14287, CIRCULATE BOTTOMS UP PUMP TRIP SLUG, TRIP OUT FOR BIT & MOTOR, CHANGE BIT MOTOR ORIENT MWD, TRIP IN TO SHOE @10,220', CHANGE SWIVEL PACKING TRIP IN TO 14,182' RELOG GAMMA F/14182' T/14287', , DRILL F/14287' T/14332'
37	1/2/2015	DRILLING F/14332 T/ 14810. RIG SERVICE, DRILLING F/14810 T/15187, CONNECTIONS AND SURVEYS
38	1/3/2015	DRILLING F/15187 T/15510, RIG SERVICE. DRILLING F/15510 T/15645, WORK TIGHT HOLE AFTER SLIDE, DRILL F/15645' T/15679', CONNECTIONS AND SURVEYS
39	1/4/2015	DRILLING F/15679 T/15689. WIPER TRIP 10 STANDS,SAFETY REAM F/15313 T/BOTTOM DRILLING F/15689 T/15879. RIG SERVICE, DRILLING F/15879 T/16088, CONNECTIONS AND SURVEYS
40	1/5/2015	DRILLING F/16088 T/16150 (TD), CIRCULTE BOTTOMS UP, TRIP OUT OF HOLE FOR REAMER ASSEMBLY, LAYDOWN DIR. TOOLS, MAKE UP REAMING ASSEMBLY, TRIP IN TO SHOE, SLIP & CUT DRILL LINE, CIRCULATE BOTTOMS UP, REAM OUT LATERAL SECTION
41	1/6/2015	REAM OUT LATERAL SECTION
42	1/7/2015	REAM LATERAL SECTION, PUMP SWEEPS, WIPER TRIP TO SHOE, PUMP ECD PILL, BEADS, SLUG & DROP RABBIT
43	1/8/2015	P.O.O.H, PJSM R/U WEATHERFORD, RUN 4 1/2" LINER
44	1/9/2015	CONTINUE TO RUN 4 1/2" LINER, R/D WEATHERFORD, RUN LINER ON DRILL PIPE, SHOE @ 16,110', PUMP 2 BBLS THRU FLOATS, DROP BALL, R/U BAILS HALLIBURTON TEST TO 9,800 PSI, SET LINER WITH 9,145 PSI, TEST LINER TOP TO 5,000 PSI F/15 MIN, RELASE FROM LINER, DISPLACE HOLE WITH 2% CLAY WEB WATER, R/D HALLIBURTON, R/U WEATHERFORD, L/D 4" DRILL PIPE
45	1/10/2015	LAY DOWN DRILL PIPE & HWDP, PULL WEAR BUSHING, RIG UP & RUN 4 1/2" TIE BACK STRING
46	1/11/2015	RUN TIE BACK, CIRCULATE 1 1/2 TIMES CASING VOLUME, SPACE OUT, TEST TO 800psi, LAND TIE BACK, TEST TO 4000psi, SET PACKOFF & TEST TO 4000psi, LD LANDING JOINT, INSTALL BPV, RD CSG CREW, CLEAN MUD TANKS & RD TOP DRIVE
47	1/12/2015	CLEAN MUD TANKS, 3 X 400 BBLS UPRIGHT, RIG DOWN SWACO, RIG DOWN TOP DRIVE, LOAD ON TRUCK, R/U CRANE, HAUL TO NEW LOCATION PIPE RACKS, DRILL PIPE, LAY OVER DERRICK

Perforations

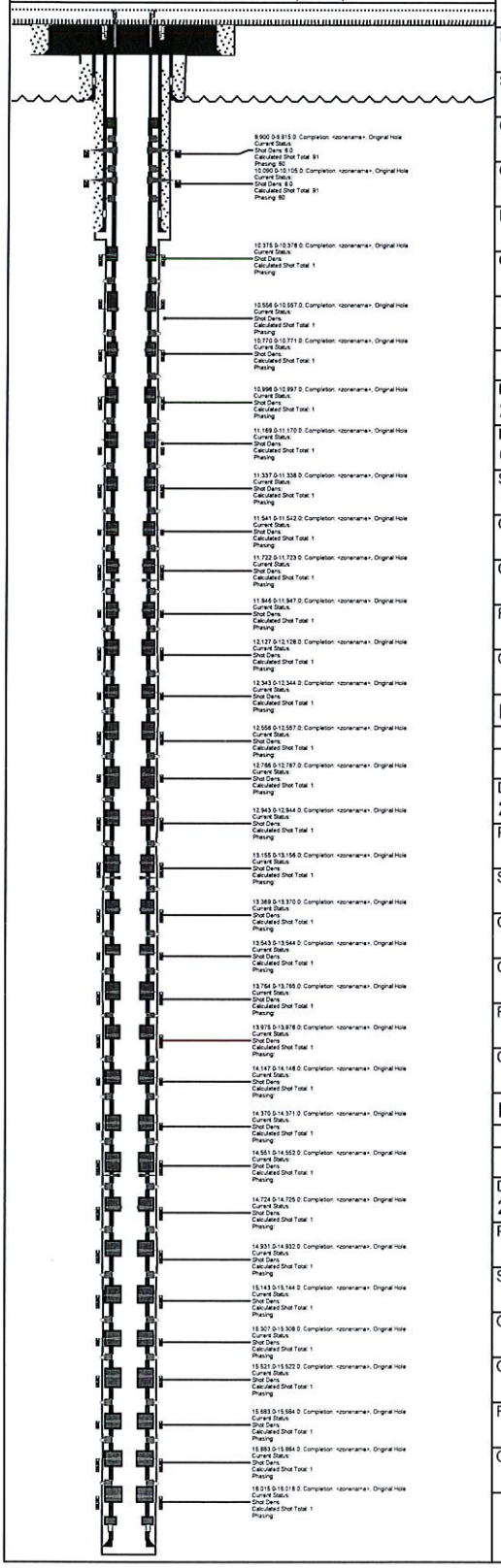
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:54 PM

Vertical schematic (actual)



Perforations

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/7/2015	<zonename>, Original Hole	9,900.0	9,915.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters ELU	Wireline	3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
6.0		60

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 91

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/7/2015	<zonename>, Original Hole	10,090.0	10,105.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters ELU	Wireline	3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
6.0		60

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 91

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/7/2015	<zonename>, Original Hole	10,375.0	10,376.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	10,556.0	10,557.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforations

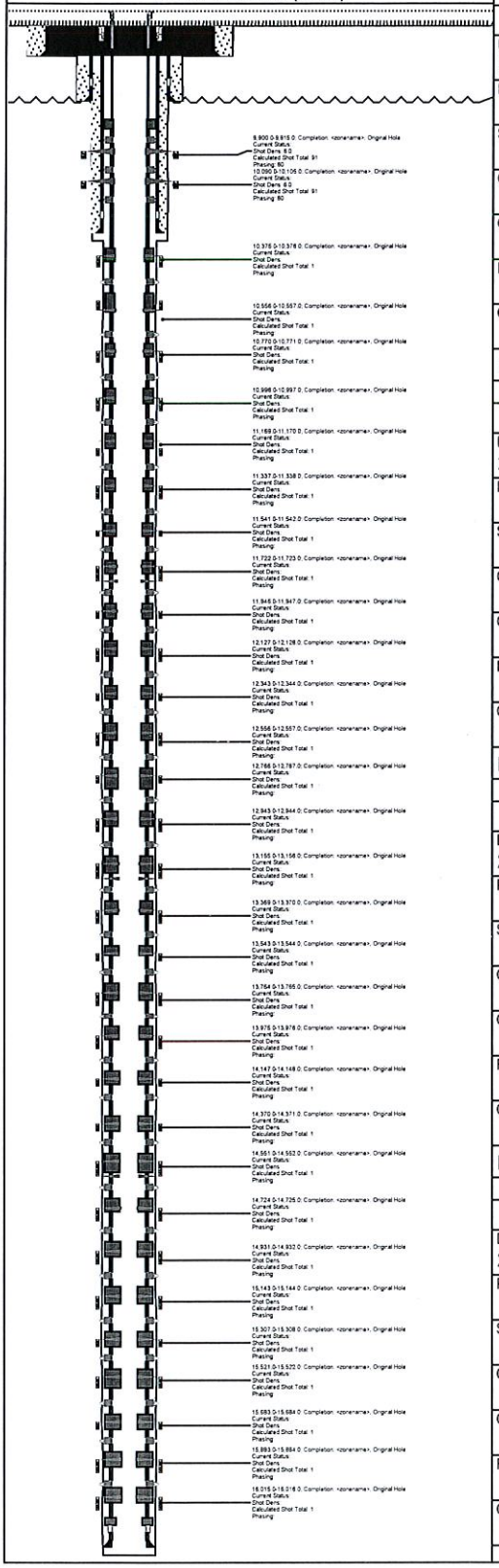
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:54 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	10,770.0	10,771.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	10,996.0	10,997.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	11,169.0	11,170.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	11,337.0	11,338.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforations

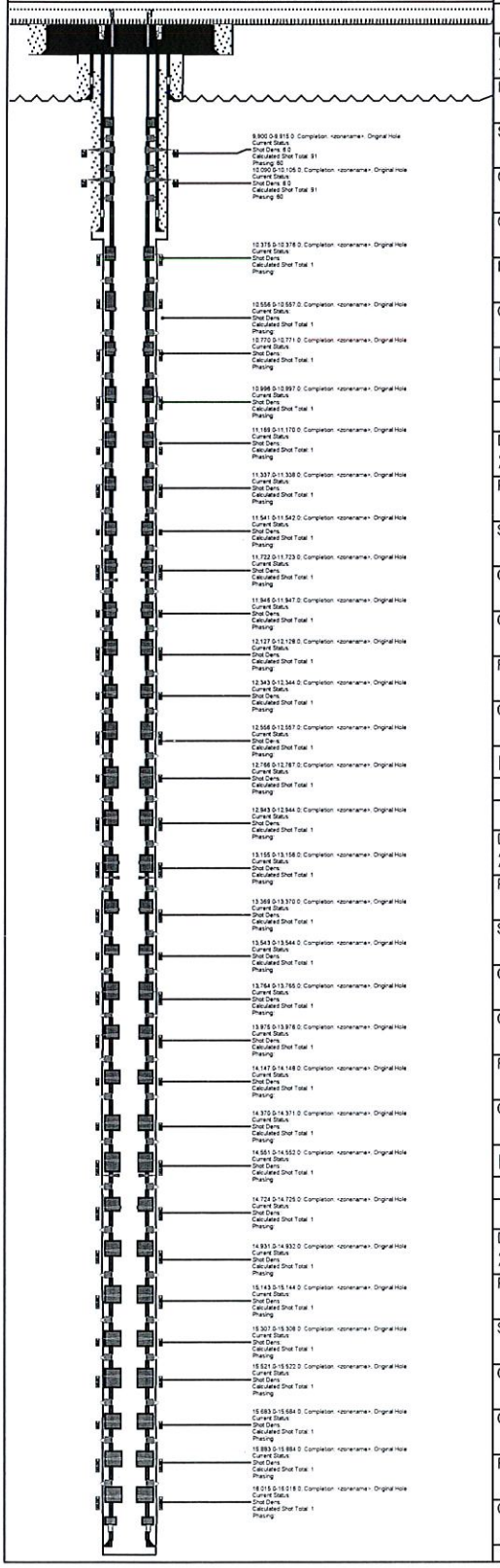
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:54 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	11,541.0	11,542.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	11,722.0	11,723.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	11,946.0	11,947.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	12,127.0	12,128.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforations

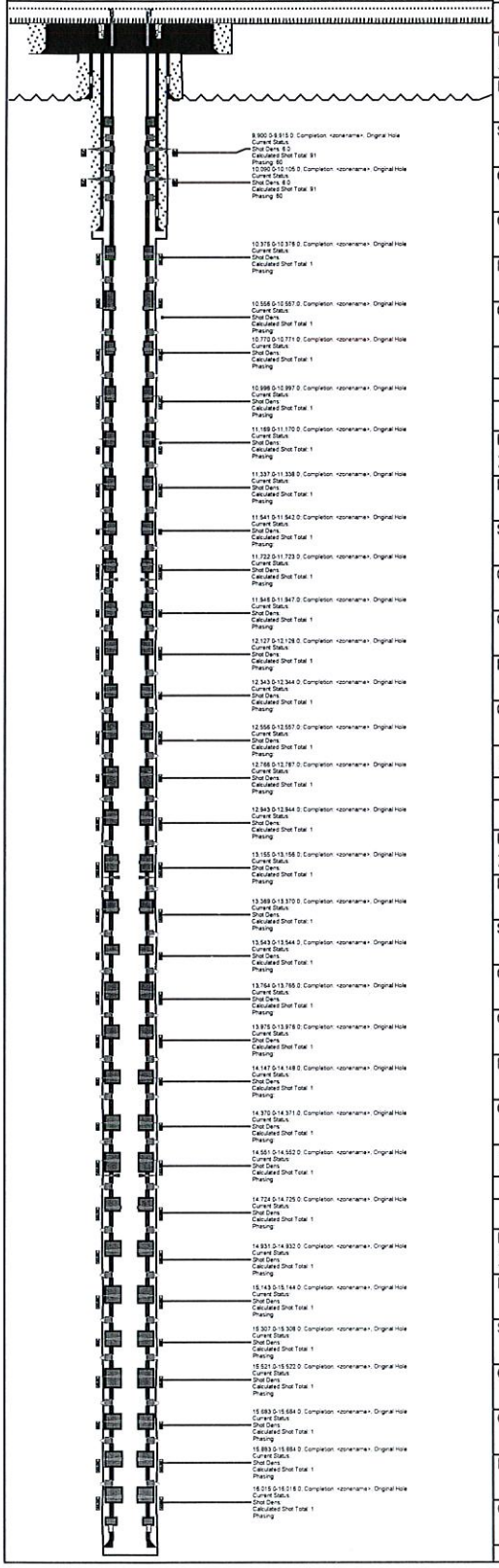
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:55 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	12,343.0	12,344.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/6/2015	<zonename>, Original Hole	12,556.0	12,557.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/5/2015	<zonename>, Original Hole	12,766.0	12,767.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/5/2015	<zonename>, Original Hole	12,943.0	12,944.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforations

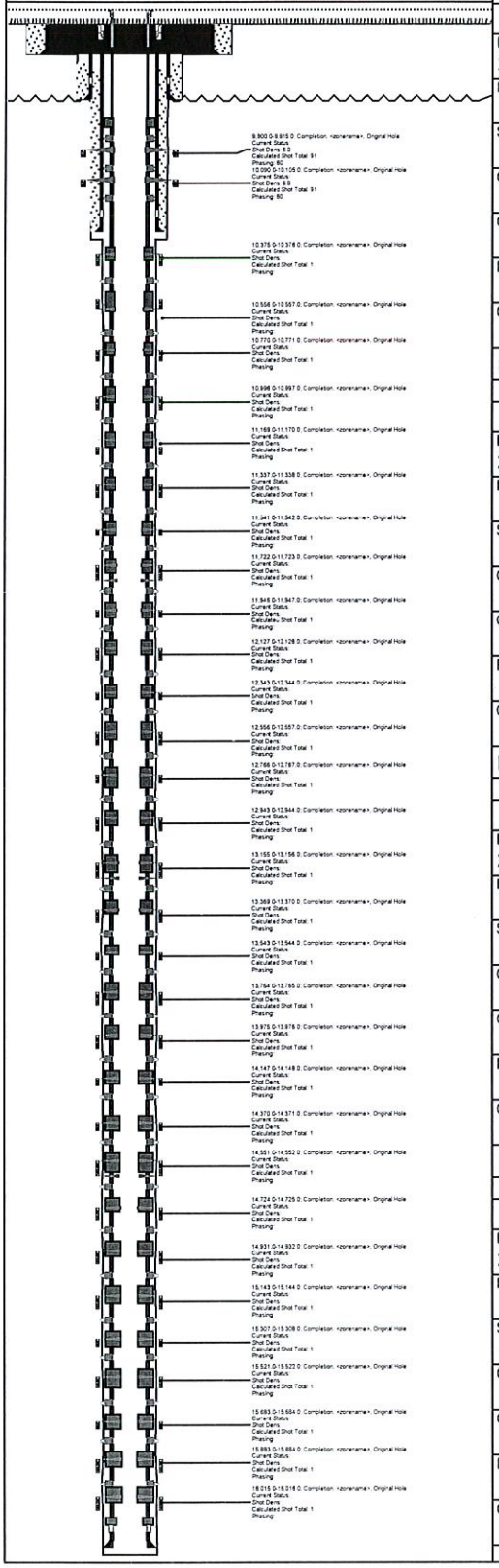
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:55 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/5/2015	<zonename>, Original Hole	13,155.0	13,156.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/5/2015	<zonename>, Original Hole	13,369.0	13,370.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/5/2015	<zonename>, Original Hole	13,543.0	13,544.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/5/2015	<zonename>, Original Hole	13,764.0	13,765.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforations

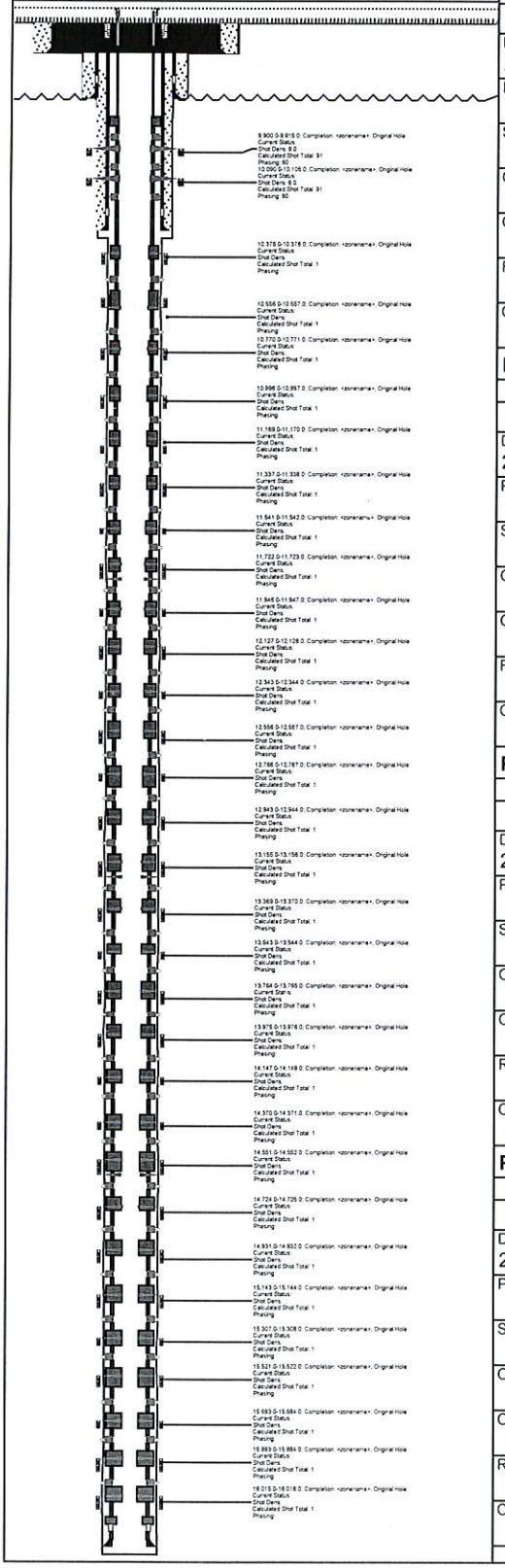
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:55 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	13,975.0	13,976.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	14,147.0	14,148.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	14,370.0	14,371.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	14,551.0	14,552.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforations

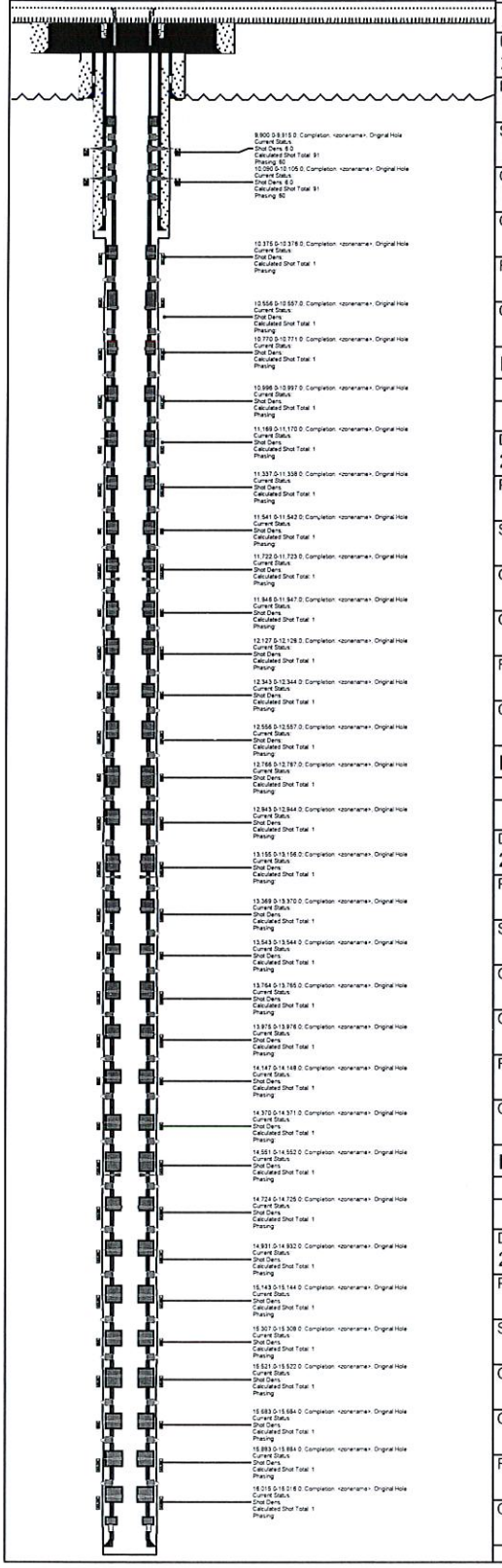
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:55 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	14,724.0	14,725.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	14,931.0	14,932.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	15,143.0	15,144.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/4/2015	<zonename>, Original Hole	15,307.0	15,308.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log:

Calculated Shot Total: 1

Perforations

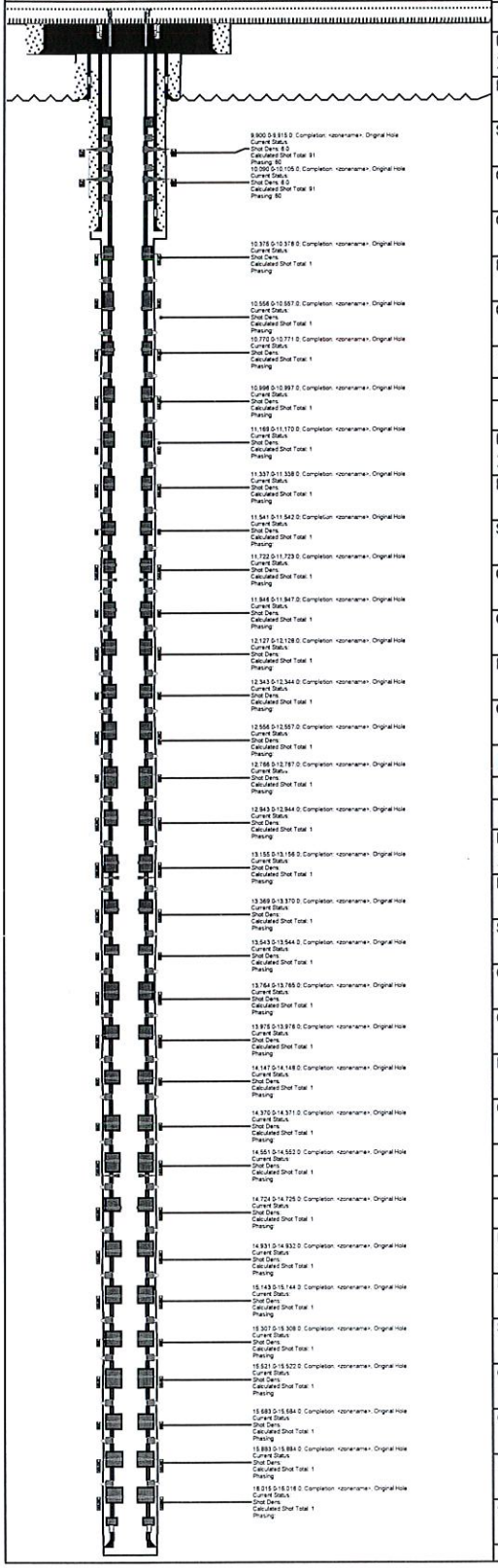
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:55 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/3/2015	<zonename>, Original Hole	15,521.0	15,522.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/3/2015	<zonename>, Original Hole	15,683.0	15,684.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/3/2015	<zonename>, Original Hole	15,883.0	15,884.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/3/2015	<zonename>, Original Hole	16,015.0	16,016.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 1

Perforations

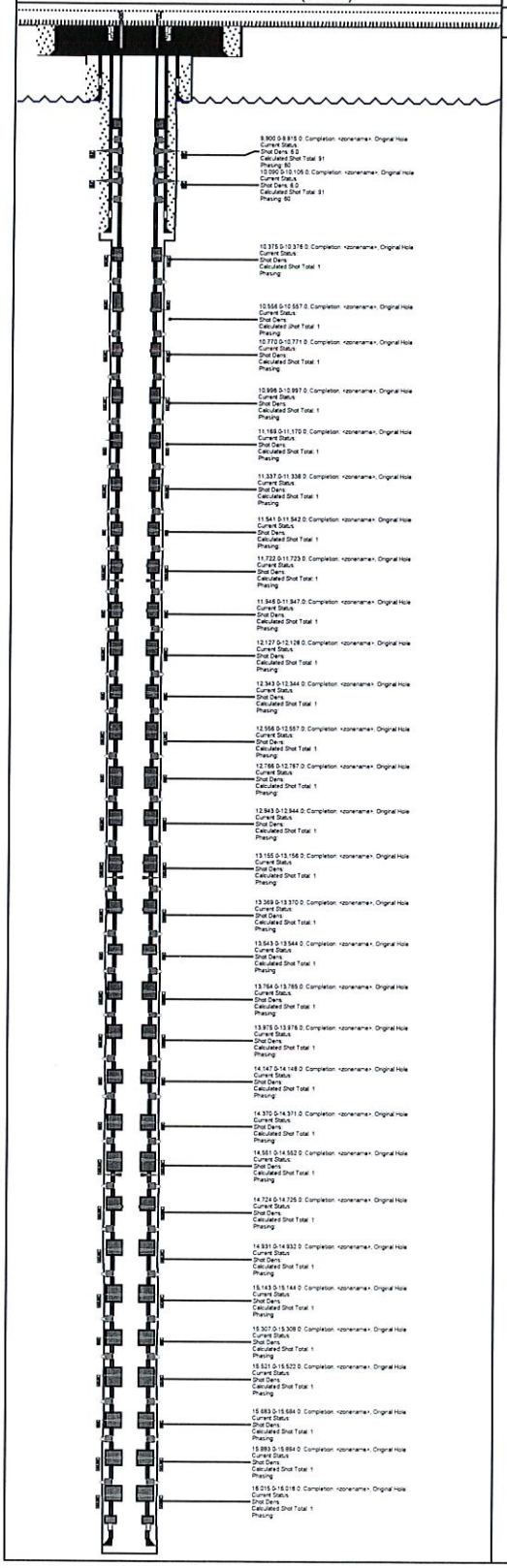
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:51:56 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

RW 44-25B

AFE - DRL-AL (artificial lift), <dttmstart>

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RW 44-25B	AFE - DRL-AL (artificial lift)				

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser

AFE - DRL-TU (tube up), <dttmstart>

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RW 44-25B	AFE - DRL-TU (tube up)				

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser

AFE - DRL-CT (completion), 12/9/2014 06:00

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RW 44-25B	AFE - DRL-CT (completion)			12/9/2014	2/17/2015

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser
1	12/10/2014 06:00		41,288.68		WATER TANK PAD		07051
2	1/22/2015 06:00	1.00	3,317.00	Well shut in.	Spot (10) CHI 1,000 bbl frac tanks. Start laying RockWater water transfer line. Waiting on completion (30 sleeves and 2 PnP). (Est. frac date 1-27-15).	24.00	seiffert.contractor
3	1/23/2015 06:00	2.00	16,929.86	Waiting on 24 hr completions.	Continue laying RockWater water transfer line. Waiting on completion (30 sleeves and 2 PnP). (Est. frac date 1-27-15).	24.00	seiffert.contractor
4	1/24/2015 06:00	3.00	1,712.00	Waiting on 24 hr completions.	NU Cameron 4 1/16" 15K frac stack. Pressure test frac stack to 13,500 psi. Good Test. Bleed to zero and SIW. Continue laying RockWater water transfer line. Waiting on completion (30 sleeves and 2 PnP). (Est. frac date 1-27-15).	24.00	seiffert.contractor
5	1/25/2015 06:00	4.00	1,712.00	Waiting on 24 hr completions.	NU Weatherford 10K flow back manifold. Finish laying RockWater water transfer line. Waiting on completion (30 sleeves and 2 PnP). (Est. frac date 2-2-15).	24.00	seiffert.contractor
6	2/2/2015 06:00	5.00	28,169.20	Waiting on 24 hr completions.	Fill (10) 1,000 bbl CHI frac tanks with fresh water. MI and spot HES Mtn movers. Waiting on completion (30 sleeves and 2 PnP). (Est. frac date 2 -3-15).	24.00	seiffert.contractor
7	2/3/2015 06:00	6.00	3,638.00	Waiting on 24 hr completions.	MIRU HES frac equipment. MI D & M Hot oiler and heat (3) 1,000 bbl CHI frac tanks to 100*. Prefill HES mtn movers. Prep to start 24 hr completion in morning.	24.00	seiffert.contractor
8	2/4/2015 06:00	7.00	3,638.00	Start 24 hr completions.	Drift HES ball drop iron and Caliper HES "dissolvable balls". Finish MIRU HES frac equipment. Prime up and test HES main line to 13,400 psi and backside line to 5,000 psi. Good tests. Load csg, drop ball and frac stage #1. Drop dissolvable balls and frac stages #2 thru #6. At report time, SD for HES pump maintenance.	24.00	seiffert.contractor

RW 44-25B

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser
9	2/5/2015 06:00	8.00	3,638.00	Continue 24 hr completions.	Finish HES pump maintenance. Drop dissolvable balls and frac stages #7 thru #9. Down 3 hrs to MIRU HES sand castle, unload sand and do pump/computer maintenance. Drop dissolvable balls and frac stages #10 and #11. SD and RU HES 4" 20K ball drop iron (replaced 3" 15K iron). At report time, fracing stage #12.	24.00	seiffert.contractor
10	2/6/2015 06:00	9.00	7,053.44	Continue 24 hr completions.	Finish fracing stage #12. Drop dissolvable balls and frac stages #13 thru #21. SD for HES pump maintenance and to unload sand (6 hrs total). At report time, fracing stage #22.	24.00	seiffert.contractor
11	2/7/2015 06:00	10.00	3,638.00	Continue 24 hr completions.	Finish fracing stage #22. Drop dissolvable balls and frac stages #23 thru #30. SD for HES pump maintenance, waiting on water and sand (7 hrs total). At report time, waiting on sand.	24.00	seiffert.contractor
12	2/8/2015 06:00	11.00	2,417,563.84	Continue 24 hr completions.	MIRU Cutters ELU while waiting on sand. Plug, perf and frac stages #31 and #32. RDMO Cutters ELU, Weatherford FBE and HES frac equipment. MIRU Weatherford FBE and Cudd 2" CTU. MU ETS 2 7/8" motor/jars with 3.625" 5-blade junk mill. NU and test stack to 8,000 psi. At report time, RIH with EOCT at 5,500'	24.00	seiffert.contractor
13	2/9/2015 06:00	12.00	452,157.82	Continue 24 hr completions	Continue to RIH with CT tagging CFP at 9,900'. DO (2) CFP and (1) sleeve at 10,375.Pump final sweep and POOH. RDMO Cudd CTU and LD tools. RU Weatherford ball catch equipment and start flowing well to sales. Turn well over to production group.	24.00	seiffert.contractor
14	2/10/2015 06:00	12.00	324,675.42	Flowback well	Flowing back well through Weatherford equipment. Charges include trucking, washed pipe, inspection, and flowback operations. Flowed well back from 2/9/15 to 3/10/15		05127
15	2/13/2015 06:00	12.00	7,430.08		CONTRACT WORK		50170
16	2/17/2015 06:00	12.00	5,425.30		CONTRACT WORK		50170
17	2/26/2015 06:00	12.00	51,018.38		CONTRACT WORK		50170

Downhole Well Profile

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

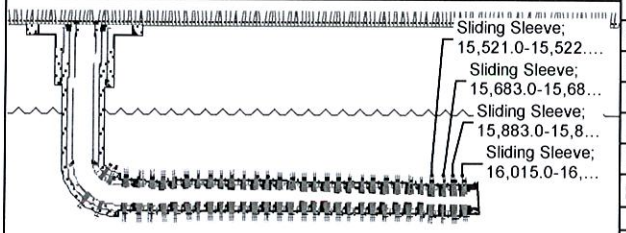
Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Type

Des	Make	Model	WP (psi)	Service	WP Top (psi)	Top Ring Gasket	Bore Min (in)

Horizontal - Original Hole, 3/18/2015 3:52:32 PM

Directional schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ft, KB)
CONDUCTOR	20	94.00	K-55	WELD	80.0
SURFACE	9 5/8	40.00	HCP-110	LT&C	3,453.0
TIE BACK	4 1/2	15.10	HCQ-125	CDC/C	9,275.3
INTERMEDIATE	7	29.00	HCP110	LTC	10,315.0
LINER	4 1/2	15.10	HCQ125	CDC/C	16,110.0

Perforations

Date	Top (ft, KB)	Btm (ft, KB)	Completion
2/7/2015	9,900.0	9,915.0	<zonename>, Original Hole
2/7/2015	10,090.0	10,105.0	<zonename>, Original Hole
2/7/2015	10,375.0	10,376.0	<zonename>, Original Hole
2/6/2015	10,556.0	10,557.0	<zonename>, Original Hole
2/6/2015	10,770.0	10,771.0	<zonename>, Original Hole
2/6/2015	10,996.0	10,997.0	<zonename>, Original Hole
2/6/2015	11,169.0	11,170.0	<zonename>, Original Hole
2/6/2015	11,337.0	11,338.0	<zonename>, Original Hole
2/6/2015	11,541.0	11,542.0	<zonename>, Original Hole
2/6/2015	11,722.0	11,723.0	<zonename>, Original Hole
2/6/2015	11,946.0	11,947.0	<zonename>, Original Hole
2/6/2015	12,127.0	12,128.0	<zonename>, Original Hole
2/6/2015	12,343.0	12,344.0	<zonename>, Original Hole
2/6/2015	12,556.0	12,557.0	<zonename>, Original Hole
2/5/2015	12,766.0	12,767.0	<zonename>, Original Hole
2/5/2015	12,943.0	12,944.0	<zonename>, Original Hole
2/5/2015	13,155.0	13,156.0	<zonename>, Original Hole
2/5/2015	13,369.0	13,370.0	<zonename>, Original Hole
2/5/2015	13,543.0	13,544.0	<zonename>, Original Hole
2/5/2015	13,764.0	13,765.0	<zonename>, Original Hole
2/4/2015	13,975.0	13,976.0	<zonename>, Original Hole
2/4/2015	14,147.0	14,148.0	<zonename>, Original Hole
2/4/2015	14,370.0	14,371.0	<zonename>, Original Hole
2/4/2015	14,551.0	14,552.0	<zonename>, Original Hole
2/4/2015	14,724.0	14,725.0	<zonename>, Original Hole
2/4/2015	14,931.0	14,932.0	<zonename>, Original Hole
2/4/2015	15,143.0	15,144.0	<zonename>, Original Hole
2/4/2015	15,307.0	15,308.0	<zonename>, Original Hole
2/3/2015	15,521.0	15,522.0	<zonename>, Original Hole
2/3/2015	15,683.0	15,684.0	<zonename>, Original Hole
2/3/2015	15,883.0	15,884.0	<zonename>, Original Hole
2/3/2015	16,015.0	16,016.0	<zonename>, Original Hole

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ft, KB)

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ft, KB)

Downhole Well Profile

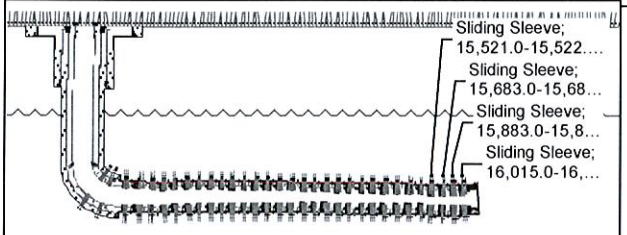
Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

Horizontal - Original Hole, 3/18/2015 3:52:33 PM

Directional schematic (actual)



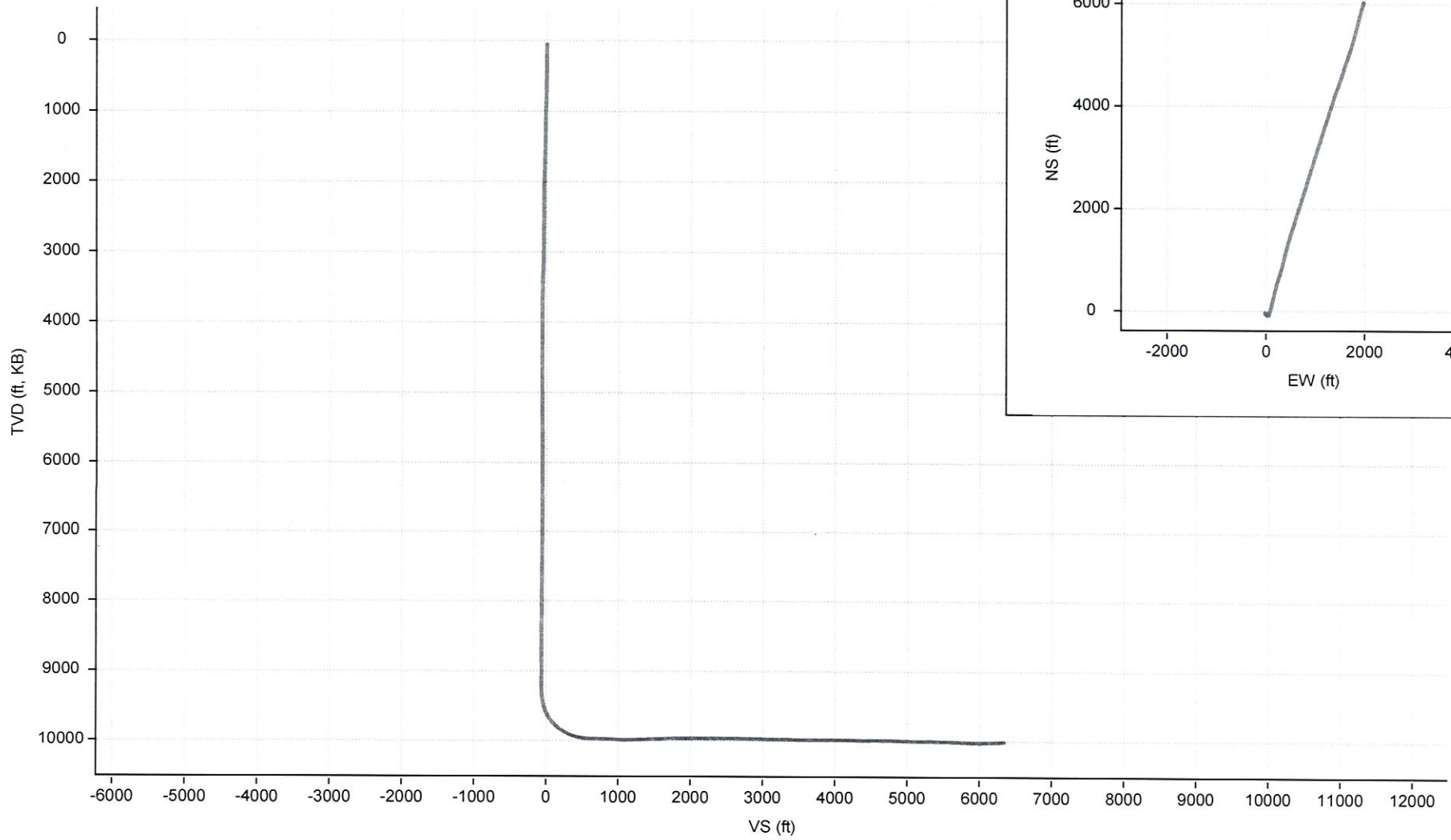
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Directional Plot_Plan vs Actual

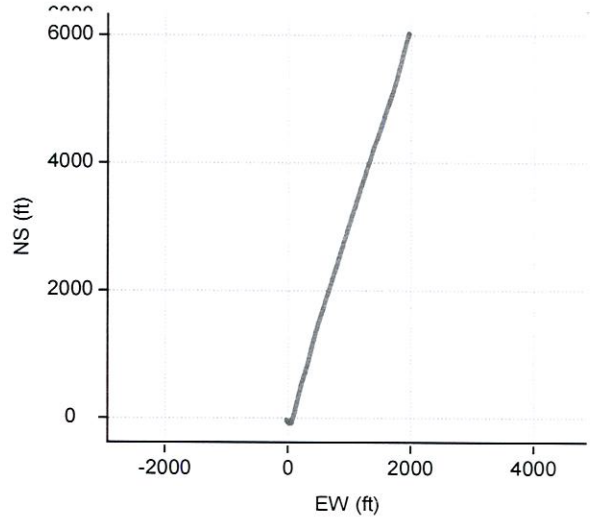
Well Name: RW 44-25B

API	Surface Legal Location	Well Configuration Type	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)
43-047-51719	S25-T7S-R23E	Horizontal	5,549.3	5,549.30	30.00	30.00

Vertical Section



Plan



Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Wellbore Name	Parent Wellbore	Sidetrack Start Depth (ft, KB)	Vertical Section Direction (°)
Original Hole	Original Hole		16.61

Date	Definitive?	Description	Proposed?
12/5/2014	No		No

MD Tie In (ft, KB)	TVDTie In (ft, KB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWTie In (ft)
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
		0.00	MWD	12/23/2...	Native...	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.00	0.00	0.00	MWD	12/5/2014	Native...	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234.00	0.48	236.52	MWD	12/5/2014	Native...	234.00	-0.47	-0.71	-0.66	0.24	0.24	115.94	0.85
324.00	0.61	228.52	MWD	12/5/2014	Native...	323.99	-1.00	-1.39	-1.35	0.17	0.14	-8.89	1.71
416.00	0.65	230.46	MWD	12/5/2014	Native...	415.99	-1.65	-2.16	-2.20	0.05	0.04	2.11	2.72
507.00	0.74	226.68	MWD	12/5/2014	Native...	506.98	-2.39	-2.98	-3.14	0.11	0.10	-4.15	3.82
598.00	0.87	229.75	MWD	12/5/2014	Native...	597.97	-3.23	-3.94	-4.22	0.15	0.14	3.37	5.10
689.00	1.14	225.62	MWD	12/5/2014	Native...	688.96	-4.31	-5.11	-5.59	0.31	0.30	-4.54	6.70
780.00	1.40	221.84	MWD	12/5/2014	Native...	779.94	-5.78	-6.50	-7.39	0.30	0.29	-4.15	8.71
872.00	1.58	220.35	MWD	12/5/2014	Native...	871.90	-7.58	-8.07	-9.57	0.20	0.20	-1.62	11.10
965.00	2.02	222.28	MWD	12/5/2014	Native...	964.86	-9.77	-10.00	-12.22	0.48	0.47	2.08	14.02
1,055.00	0.70	210.59	MWD	12/5/2014	Native...	1,054.83	-11.42	-11.35	-14.18	1.49	-1.47	-12.99	16.15
1,145.00	0.79	201.72	MWD	12/5/2014	Native...	1,144.82	-12.47	-11.86	-15.34	0.16	0.10	-9.86	17.32
1,236.00	0.96	185.37	MWD	12/5/2014	Native...	1,235.81	-13.81	-12.16	-16.71	0.33	0.19	-17.97	18.69
1,327.00	1.05	180.98	MWD	12/5/2014	Native...	1,326.80	-15.40	-12.25	-18.26	0.13	0.10	-4.82	20.29
1,421.00	1.09	181.85	MWD	12/5/2014	Native...	1,420.78	-17.15	-12.29	-19.95	0.05	0.04	0.93	22.05
1,512.00	1.09	186.51	MWD	12/5/2014	Native...	1,511.77	-18.88	-12.42	-21.64	0.10	0.00	5.12	23.77
1,603.00	1.49	186.42	MWD	12/5/2014	Native...	1,602.74	-20.92	-12.65	-23.66	0.44	0.44	-0.10	25.82
1,698.00	1.53	183.82	MWD	12/5/2014	Native...	1,697.71	-23.41	-12.87	-26.11	0.08	0.04	-2.74	28.33
1,794.00	1.66	188.09	MWD	12/5/2014	Native...	1,793.67	-26.06	-13.15	-28.74	0.18	0.14	4.45	31.00
1,888.00	1.93	190.29	MWD	12/5/2014	Native...	1,887.63	-28.97	-13.63	-31.66	0.30	0.29	2.34	33.94
1,984.00	1.36	193.72	MWD	12/6/2014	Native...	1,983.59	-31.67	-14.18	-34.40	0.60	-0.59	3.57	36.69
2,079.00	1.45	197.67	MWD	12/6/2014	Native...	2,078.56	-33.91	-14.82	-36.73	0.14	0.09	4.16	39.02
2,174.00	0.30	257.88	MWD	12/6/2014	Native...	2,173.55	-35.10	-15.43	-38.05	1.40	-1.21	63.38	40.37
2,269.00	0.13	280.56	MWD	12/6/2014	Native...	2,268.55	-35.14	-15.77	-38.18	0.20	-0.18	23.87	40.72
2,364.00	0.13	175.17	MWD	12/6/2014	Native...	2,363.55	-35.22	-15.87	-38.29	0.22	0.00	-110.94	40.85
2,459.00	0.21	188.45	MWD	12/6/2014	Native...	2,458.55	-35.50	-15.89	-38.56	0.09	0.08	13.98	41.13
2,554.00	0.39	186.86	MWD	12/6/2014	Native...	2,553.54	-36.00	-15.95	-39.06	0.19	0.19	-1.67	41.62
2,650.00	0.61	166.91	MWD	12/6/2014	Native...	2,649.54	-36.82	-15.88	-39.82	0.29	0.23	-20.78	42.45
2,745.00	0.96	143.45	MWD	12/6/2014	Native...	2,744.53	-37.95	-15.29	-40.74	0.49	0.37	-24.69	43.73
2,840.00	1.45	124.29	MWD	12/6/2014	Native...	2,839.51	-39.27	-13.82	-41.58	0.66	0.52	-20.17	45.70
2,935.00	1.66	130.61	MWD	12/6/2014	Native...	2,934.48	-40.84	-11.78	-42.50	0.29	0.22	6.65	48.27
3,030.00	1.45	142.04	MWD	12/6/2014	Native...	3,029.44	-42.68	-10.00	-43.76	0.39	-0.22	12.03	50.84
3,124.00	1.58	168.76	MWD	12/6/2014	Native...	3,123.41	-44.89	-9.01	-45.60	0.76	0.14	28.43	53.25
3,219.00	2.32	180.08	MWD	12/6/2014	Native...	3,218.35	-48.10	-8.76	-48.60	0.87	0.78	11.92	56.47
3,314.00	2.28	162.34	MWD	12/7/2014	Native...	3,313.28	-51.82	-8.19	-52.00	0.75	-0.04	-18.67	60.24
3,403.00	2.32	149.07	MWD	12/7/2014	Native...	3,402.21	-55.06	-6.73	-54.68	0.60	0.04	-14.91	63.79
3,505.00	2.24	149.42	MWD	12/9/2014	Native...	3,504.13	-58.54	-4.65	-57.43	0.08	-0.08	0.34	67.84
3,600.00	2.10	137.91	MWD	12/9/2014	Native...	3,599.06	-61.43	-2.54	-59.60	0.48	-0.15	-12.12	71.42
3,695.00	2.15	135.18	MWD	12/9/2014	Native...	3,693.99	-63.99	-0.12	-61.35	0.12	0.05	-2.87	74.95
3,790.00	0.83	102.66	MWD	12/9/2014	Native...	3,788.96	-65.40	1.81	-62.16	1.60	-1.39	-34.23	77.34
3,885.00	0.87	113.48	MWD	12/9/2014	Native...	3,883.95	-65.84	3.14	-62.20	0.17	0.04	11.39	78.74
3,980.00	0.96	118.57	MWD	12/9/2014	Native...	3,978.94	-66.51	4.50	-62.45	0.13	0.09	5.36	80.26
4,075.00	1.14	128.24	MWD	12/9/2014	Native...	4,073.92	-67.48	5.94	-62.96	0.27	0.19	10.18	81.99
4,170.00	1.23	111.37	MWD	12/9/2014	Native...	4,168.90	-68.43	7.64	-63.39	0.38	0.09	-17.76	83.93
4,265.00	0.83	114.09	MWD	12/9/2014	Native...	4,263.89	-69.08	9.21	-63.57	0.42	-0.42	2.86	85.64
4,360.00	0.92	132.64	MWD	12/9/2014	Native...	4,358.88	-69.88	10.40	-63.99	0.31	0.09	19.53	87.07

Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
4,455.00	0.92	122.62	MWD	12/9/2014	Native...	4,453.86	-70.81	11.61	-64.54	0.17	0.00	-10.55	88.59
4,550.00	1.05	108.91	MWD	12/9/2014	Native...	4,548.85	-71.50	13.07	-64.78	0.28	0.14	-14.43	90.21
4,645.00	0.96	100.56	MWD	12/9/2014	Native...	4,643.84	-71.93	14.68	-64.73	0.18	-0.09	-8.79	91.88
4,740.00	1.09	97.39	MWD	12/9/2014	Native...	4,738.82	-72.19	16.36	-64.50	0.15	0.14	-3.34	93.57
4,836.00	1.27	100.56	MWD	12/9/2014	Native...	4,834.80	-72.51	18.31	-64.25	0.20	0.19	3.30	95.55
4,931.00	1.40	90.36	MWD	12/9/2014	Native...	4,929.77	-72.71	20.50	-63.81	0.28	0.14	-10.74	97.75
5,026.00	1.23	86.40	MWD	12/9/2014	Native...	5,024.75	-72.65	22.68	-63.13	0.20	-0.18	-4.17	99.93
5,121.00	0.79	88.07	MWD	12/9/2014	Native...	5,119.73	-72.56	24.35	-62.57	0.46	-0.46	1.76	101.61
5,216.00	1.09	80.69	MWD	12/9/2014	Native...	5,214.72	-72.39	25.90	-61.97	0.34	0.32	-7.77	103.16
5,311.00	0.79	75.07	MWD	12/9/2014	Native...	5,309.71	-72.08	27.42	-61.23	0.33	-0.32	-5.92	104.72
5,406.00	1.05	94.67	MWD	12/9/2014	Native...	5,404.70	-71.98	28.92	-60.71	0.43	0.27	20.63	106.22
5,501.00	0.96	93.61	MWD	12/9/2014	Native...	5,499.68	-72.10	30.59	-60.35	0.10	-0.09	-1.12	107.89
5,595.00	0.61	319.13	MWD	12/9/2014	Native...	5,593.68	-71.77	31.04	-59.90	1.55	-0.37	239.91	108.45
5,690.00	0.61	87.37	MWD	12/9/2014	Native...	5,688.67	-71.37	31.22	-59.47	1.16	0.00	-243.96	108.90
5,786.00	0.79	95.63	MWD	12/10/2...	Native...	5,784.67	-71.41	32.39	-59.17	0.21	0.19	8.60	110.07
5,881.00	0.74	117.78	MWD	12/10/2...	Native...	5,879.66	-71.76	33.58	-59.17	0.31	-0.05	23.32	111.31
5,976.00	1.01	108.03	MWD	12/10/2...	Native...	5,974.65	-72.30	34.92	-59.31	0.32	0.28	-10.26	112.76
6,071.00	0.35	345.77	MWD	12/10/2...	Native...	6,069.64	-72.28	35.65	-59.08	1.30	-0.69	250.25	113.48
6,166.00	0.48	21.98	MWD	12/10/2...	Native...	6,164.64	-71.63	35.72	-58.43	0.30	0.14	-340.83	114.14
6,262.00	0.35	38.33	MWD	12/10/2...	Native...	6,260.64	-71.03	36.06	-57.76	0.18	-0.14	17.03	114.82
6,357.00	0.39	61.18	MWD	12/10/2...	Native...	6,355.64	-70.65	36.52	-57.26	0.16	0.04	24.05	115.43
6,452.00	0.52	72.78	MWD	12/10/2...	Native...	6,450.63	-70.36	37.21	-56.79	0.17	0.14	12.21	116.18
6,547.00	0.87	74.89	MWD	12/10/2...	Native...	6,545.63	-70.05	38.32	-56.17	0.37	0.37	2.22	117.33
6,642.00	0.26	28.05	MWD	12/10/2...	Native...	6,640.62	-69.67	39.12	-55.58	0.76	-0.64	-49.31	118.21
6,737.00	0.21	11.43	MWD	12/10/2...	Native...	6,735.62	-69.31	39.26	-55.19	0.09	-0.05	-17.49	118.60
6,831.00	0.26	126.75	MWD	12/10/2...	Native...	6,829.62	-69.27	39.46	-55.10	0.42	0.05	122.68	118.81
6,927.00	0.30	163.75	MWD	12/10/2...	Native...	6,925.62	-69.64	39.71	-55.38	0.19	0.04	38.54	119.25
7,022.00	0.43	171.92	MWD	12/10/2...	Native...	7,020.62	-70.23	39.83	-55.92	0.15	0.14	8.60	119.85
7,117.00	0.48	135.45	MWD	12/11/2...	Native...	7,115.62	-70.87	40.15	-56.43	0.30	0.05	-38.39	120.57
7,212.00	0.43	126.22	MWD	12/11/2...	Native...	7,210.61	-71.36	40.72	-56.74	0.09	-0.05	-9.72	121.32
7,306.00	1.14	118.84	MWD	12/11/2...	Native...	7,304.60	-72.02	41.83	-57.06	0.76	0.76	-7.85	122.61
7,401.00	0.48	168.85	MWD	12/11/2...	Native...	7,399.59	-72.87	42.73	-57.61	0.96	-0.69	52.64	123.85
7,496.00	0.65	158.83	MWD	12/11/2...	Native...	7,494.59	-73.76	43.00	-58.39	0.21	0.18	-10.55	124.78
7,591.00	0.70	122.62	MWD	12/11/2...	Native...	7,589.58	-74.57	43.68	-58.98	0.44	0.05	-38.12	125.84
7,686.00	0.87	130.70	MWD	12/11/2...	Native...	7,684.57	-75.36	44.72	-59.43	0.21	0.18	8.51	127.14
7,781.00	0.92	151.62	MWD	12/11/2...	Native...	7,779.56	-76.50	45.63	-60.26	0.35	0.05	22.02	128.60
7,876.00	1.01	155.40	MWD	12/11/2...	Native...	7,874.55	-77.93	46.34	-61.43	0.12	0.09	3.98	130.20
7,970.00	0.26	137.90	MWD	12/11/2...	Native...	7,968.54	-78.84	46.83	-62.17	0.81	-0.80	-18.62	131.24
8,066.00	0.61	158.12	MWD	12/11/2...	Native...	8,064.54	-79.48	47.17	-62.68	0.39	0.36	21.06	131.95
8,161.00	0.79	148.10	MWD	12/12/2...	Native...	8,159.53	-80.50	47.70	-63.51	0.23	0.19	-10.55	133.11
8,256.00	1.31	144.50	MWD	12/12/2...	Native...	8,254.52	-81.94	48.68	-64.61	0.55	0.55	-3.79	134.85
8,351.00	0.79	138.35	MWD	12/12/2...	Native...	8,349.50	-83.32	49.74	-65.62	0.56	-0.55	-6.47	136.59
8,446.00	0.96	123.14	MWD	12/12/2...	Native...	8,444.49	-84.24	50.84	-66.19	0.30	0.18	-16.01	138.03
8,541.00	1.14	131.49	MWD	12/12/2...	Native...	8,539.47	-85.30	52.22	-66.82	0.25	0.19	8.79	139.76
8,636.00	0.35	344.98	MWD	12/12/2...	Native...	8,634.47	-85.65	52.85	-66.97	1.52	-0.83	224.73	140.49
8,730.00	0.65	9.68	MWD	12/12/2...	Native...	8,728.46	-84.85	52.87	-66.19	0.39	0.32	-356.70	141.29
8,825.00	0.52	24.09	MWD	12/12/2...	Native...	8,823.46	-83.92	53.13	-65.23	0.21	-0.14	15.17	142.25
8,920.00	0.26	74.80	MWD	12/12/2...	Native...	8,918.46	-83.47	53.52	-64.69	0.43	-0.27	53.38	142.84
9,013.00	0.39	127.27	MWD	12/12/2...	Native...	9,011.46	-83.61	53.97	-64.69	0.33	0.14	56.42	143.32
9,108.00	0.79	132.28	MWD	12/12/2...	Native...	9,106.45	-84.24	54.71	-65.09	0.42	0.42	5.27	144.30
9,203.00	0.79	89.66	MWD	12/12/2...	Native...	9,201.44	-84.68	55.85	-65.18	0.60	0.00	-44.86	145.52

Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
9,261.00	1.09	70.32	MWD	12/14/2...	Native...	9,259.43	-84.49	56.77	-64.74	0.75	0.52	-33.34	146.45
9,293.00	2.72	27.52	MWD	12/14/2...	Native...	9,291.42	-83.72	57.41	-63.81	6.43	5.09	-133.75	147.46
9,324.00	5.84	15.48	MWD	12/14/2...	Native...	9,322.33	-81.54	58.17	-61.51	10.42	10.06	-38.84	149.76
9,356.00	7.12	15.83	MWD	12/14/2...	Native...	9,354.12	-78.07	59.15	-57.90	4.00	4.00	1.09	153.37
9,388.00	6.81	12.93	MWD	12/14/2...	Native...	9,385.89	-74.31	60.11	-54.03	1.46	-0.97	-9.06	157.25
9,419.00	7.20	13.64	MWD	12/14/2...	Native...	9,416.66	-70.63	60.98	-50.25	1.29	1.26	2.29	161.03
9,451.00	9.89	13.64	MWD	12/14/2...	Native...	9,448.30	-66.01	62.10	-45.50	8.41	8.41	0.00	165.79
9,483.00	13.14	15.31	MWD	12/15/2...	Native...	9,479.65	-59.83	63.71	-39.12	10.21	10.16	5.22	172.17
9,514.00	16.08	17.85	MWD	12/15/2...	Native...	9,509.64	-52.34	65.96	-31.30	9.70	9.48	8.19	179.99
9,546.00	18.63	18.36	MWD	12/15/2...	Native...	9,540.18	-43.27	68.93	-21.76	7.98	7.97	1.59	189.53
9,578.00	21.57	17.85	MWD	12/15/2...	Native...	9,570.23	-32.82	72.34	-10.77	9.20	9.19	-1.59	200.53
9,609.00	24.30	17.06	MWD	12/15/2...	Native...	9,598.78	-21.30	75.96	1.31	8.86	8.81	-2.55	212.61
9,641.00	27.29	17.76	MWD	12/15/2...	Native...	9,627.59	-8.01	80.13	15.23	9.39	9.34	2.19	226.53
9,673.00	30.76	17.15	MWD	12/15/2...	Native...	9,655.56	6.80	84.78	30.75	10.88	10.84	-1.91	242.05
9,704.00	33.57	16.88	MWD	12/15/2...	Native...	9,681.80	22.58	89.61	47.25	9.08	9.06	-0.87	258.56
9,736.00	37.00	16.97	MWD	12/15/2...	Native...	9,707.92	40.26	94.99	65.73	10.72	10.72	0.28	277.04
9,768.00	40.17	16.98	MWD	12/16/2...	Native...	9,732.93	59.34	100.82	85.69	9.91	9.91	0.03	296.99
9,799.00	43.28	16.27	MWD	12/16/2...	Native...	9,756.07	79.11	106.72	106.32	10.15	10.03	-2.29	317.62
9,831.00	46.23	13.89	MWD	12/16/2...	Native...	9,778.79	100.87	112.56	128.83	10.60	9.22	-7.44	340.15
9,862.00	49.21	12.49	MWD	12/16/2...	Native...	9,799.64	123.19	117.79	151.72	10.18	9.61	-4.52	363.08
9,894.00	51.98	10.73	MWD	12/16/2...	Native...	9,819.95	147.41	122.76	176.35	9.64	8.66	-5.50	387.80
9,926.00	54.84	11.70	MWD	12/16/2...	Native...	9,839.03	172.61	127.76	201.93	9.26	8.94	3.03	413.49
9,957.00	57.74	12.49	MWD	12/16/2...	Native...	9,856.23	197.82	133.16	227.63	9.59	9.35	2.55	439.28
9,989.00	60.38	13.89	MWD	12/16/2...	Native...	9,872.68	224.54	139.43	255.03	9.06	8.25	4.38	466.72
10,021.00	61.78	15.30	MWD	12/16/2...	Native...	9,888.16	251.64	146.49	283.02	5.83	4.38	4.41	494.73
10,053.00	63.72	13.81	MWD	12/16/2...	Native...	9,902.81	279.18	153.64	311.45	7.34	6.06	-4.66	523.17
10,084.00	67.19	14.25	MWD	12/16/2...	Native...	9,915.68	306.53	160.47	339.61	11.27	11.19	1.42	551.37
10,116.00	70.88	14.25	MWD	12/16/2...	Native...	9,927.13	335.49	167.83	369.46	11.53	11.53	0.00	581.24
10,147.00	73.35	13.46	MWD	12/16/2...	Native...	9,936.65	364.13	174.89	398.93	8.33	7.97	-2.55	610.74
10,179.00	75.63	13.90	MWD	12/16/2...	Native...	9,945.21	394.09	182.18	429.72	7.25	7.13	1.38	641.58
10,210.00	79.05	13.72	MWD	12/17/2...	Native...	9,952.00	423.45	189.40	459.93	11.05	11.03	-0.58	671.82
10,242.00	81.25	13.63	MWD	12/17/2...	Native...	9,957.48	454.09	196.85	491.41	6.88	6.88	-0.28	703.34
10,274.00	81.78	15.04	MWD	12/17/2...	Native...	9,962.20	484.75	204.69	523.03	4.66	1.66	4.41	734.99
10,316.00	86.70	16.80	MWD	12/22/2...	Native...	9,966.41	524.92	216.15	564.80	12.43	11.71	4.19	776.77
10,348.00	88.00	18.00	MWD	12/22/2...	Native...	9,967.89	555.42	225.71	596.77	5.53	4.06	3.75	808.73
10,379.00	88.20	18.10	MWD	12/22/2...	Native...	9,968.92	584.88	235.31	627.74	0.72	0.65	0.32	839.71
10,411.00	88.20	18.30	MWD	12/22/2...	Native...	9,969.92	615.26	245.30	659.71	0.62	0.00	0.62	871.70
10,442.00	88.40	18.20	MWD	12/22/2...	Native...	9,970.84	644.69	255.00	690.68	0.72	0.65	-0.32	902.68
10,474.00	88.40	18.10	MWD	12/22/2...	Native...	9,971.74	675.09	264.97	722.66	0.31	0.00	-0.31	934.67
10,505.00	88.60	18.20	MWD	12/22/2...	Native...	9,972.55	704.54	274.62	753.64	0.72	0.65	0.32	965.66
10,536.00	88.80	17.80	MWD	12/23/2...	Native...	9,973.25	734.01	284.20	784.62	1.44	0.65	-1.29	996.65
10,568.00	88.60	17.80	MWD	12/23/2...	Native...	9,973.98	764.47	293.98	816.61	0.62	-0.63	0.00	1,028.64
10,599.00	88.50	17.30	MWD	12/23/2...	Native...	9,974.76	794.02	303.32	847.59	1.64	-0.32	-1.61	1,059.63
10,630.00	88.10	17.20	MWD	12/23/2...	Native...	9,975.68	823.61	312.51	878.58	1.33	-1.29	-0.32	1,090.62
10,662.00	87.20	16.30	MWD	12/23/2...	Native...	9,976.99	854.23	321.73	910.55	3.98	-2.81	-2.81	1,122.59
10,693.00	85.10	14.50	MWD	12/23/2...	Native...	9,979.08	884.04	329.94	941.47	8.91	-6.77	-5.81	1,153.52
10,724.00	84.70	14.60	MWD	12/24/2...	Native...	9,981.83	913.93	337.70	972.33	1.33	-1.29	0.32	1,184.40
10,755.00	86.10	13.70	MWD	12/24/2...	Native...	9,984.32	943.89	345.25	1,003.20	5.36	4.52	-2.90	1,215.30
10,787.00	87.60	13.90	MWD	12/24/2...	Native...	9,986.08	974.92	352.87	1,035.11	4.73	4.69	0.63	1,247.25
10,818.00	89.10	13.80	MWD	12/25/2...	Native...	9,986.97	1,005.01	360.29	1,066.06	4.85	4.84	-0.32	1,278.23
10,850.00	90.60	13.90	MWD	12/25/2...	Native...	9,987.05	1,036.07	367.95	1,098.02	4.70	4.69	0.31	1,310.23

Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
10,881.00	91.60	14.40	MWD	12/25/2...	Native...	9,986.46	1,066.13	375.52	1,128.99	3.61	3.23	1.61	1,341.23
10,912.00	92.10	15.00	MWD	12/25/2...	Native...	9,985.46	1,096.10	383.39	1,159.95	2.52	1.61	1.94	1,372.21
10,944.00	92.70	14.90	MWD	12/25/2...	Native...	9,984.12	1,126.99	391.63	1,191.91	1.90	1.88	-0.31	1,404.18
10,975.00	92.90	15.20	MWD	12/25/2...	Native...	9,982.60	1,156.89	399.67	1,222.86	1.16	0.65	0.97	1,435.14
11,007.00	91.70	15.60	MWD	12/25/2...	Native...	9,981.32	1,187.71	408.17	1,254.83	3.95	-3.75	1.25	1,467.12
11,038.00	91.70	15.60	MWD	12/25/2...	Native...	9,980.40	1,217.56	416.50	1,285.81	0.00	0.00	0.00	1,498.10
11,069.00	90.90	15.80	MWD	12/25/2...	Native...	9,979.69	1,247.39	424.88	1,316.80	2.66	-2.58	0.65	1,529.10
11,101.00	91.00	15.40	MWD	12/26/2...	Native...	9,979.16	1,278.21	433.49	1,348.79	1.29	0.31	-1.25	1,561.09
11,132.00	91.30	15.70	MWD	12/26/2...	Native...	9,978.54	1,308.07	441.80	1,379.78	1.37	0.97	0.97	1,592.08
11,163.00	92.20	15.70	MWD	12/26/2...	Native...	9,977.60	1,337.90	450.18	1,410.76	2.90	2.90	0.00	1,623.07
11,195.00	92.90	16.40	MWD	12/26/2...	Native...	9,976.17	1,368.62	459.02	1,442.73	3.09	2.19	2.19	1,655.04
11,226.00	91.80	17.40	MWD	12/26/2...	Native...	9,974.90	1,398.26	468.02	1,473.70	4.79	-3.55	3.23	1,686.01
11,258.00	92.10	17.30	MWD	12/26/2...	Native...	9,973.81	1,428.78	477.56	1,505.68	0.99	0.94	-0.31	1,717.99
11,289.00	92.60	17.40	MWD	12/26/2...	Native...	9,972.54	1,458.35	486.80	1,536.65	1.64	1.61	0.32	1,748.97
11,320.00	93.20	17.40	MWD	12/26/2...	Native...	9,970.97	1,487.89	496.06	1,567.61	1.94	1.94	0.00	1,779.93
11,352.00	93.00	17.90	MWD	12/26/2...	Native...	9,969.24	1,518.34	505.75	1,599.55	1.68	-0.63	1.56	1,811.88
11,383.00	91.70	17.30	MWD	12/26/2...	Native...	9,967.97	1,547.86	515.11	1,630.52	4.62	-4.19	-1.94	1,842.85
11,414.00	92.40	16.20	MWD	12/27/2...	Native...	9,966.86	1,577.53	524.04	1,661.50	4.20	2.26	-3.55	1,873.83
11,445.00	93.30	16.70	MWD	12/27/2...	Native...	9,965.32	1,607.22	532.81	1,692.46	3.32	2.90	1.61	1,904.79
11,477.00	92.30	17.70	MWD	12/27/2...	Native...	9,963.76	1,637.75	542.26	1,724.42	4.42	-3.13	3.13	1,936.75
11,509.00	90.60	18.00	MWD	12/27/2...	Native...	9,962.95	1,668.20	552.06	1,756.40	5.39	-5.31	0.94	1,968.74
11,540.00	90.30	18.60	MWD	12/27/2...	Native...	9,962.70	1,697.63	561.80	1,787.39	2.16	-0.97	1.94	1,999.74
11,572.00	90.50	18.50	MWD	12/27/2...	Native...	9,962.48	1,727.97	571.98	1,819.37	0.70	0.63	-0.31	2,031.74
11,602.00	90.90	19.00	MWD	12/27/2...	Native...	9,962.11	1,756.38	581.62	1,849.35	2.13	1.33	1.67	2,061.74
11,633.00	91.50	18.90	MWD	12/27/2...	Native...	9,961.46	1,785.69	591.68	1,880.31	1.96	1.94	-0.32	2,092.73
11,665.00	89.20	18.40	MWD	12/28/2...	Native...	9,961.27	1,816.01	601.92	1,912.29	7.36	-7.19	-1.56	2,124.73
11,696.00	89.40	18.50	MWD	12/28/2...	Native...	9,961.65	1,845.41	611.73	1,943.27	0.72	0.65	0.32	2,155.73
11,728.00	90.20	18.90	MWD	12/28/2...	Native...	9,961.76	1,875.72	621.98	1,975.25	2.80	2.50	1.25	2,187.73
11,759.00	91.10	19.40	MWD	12/28/2...	Native...	9,961.41	1,905.00	632.15	2,006.22	3.32	2.90	1.61	2,218.72
11,791.00	90.60	19.00	MWD	12/28/2...	Native...	9,960.93	1,935.22	642.68	2,038.18	2.00	-1.56	-1.25	2,250.72
11,822.00	90.50	18.40	MWD	12/28/2...	Native...	9,960.64	1,964.58	652.61	2,069.16	1.96	-0.32	-1.94	2,281.72
11,854.00	90.20	18.60	MWD	12/28/2...	Native...	9,960.44	1,994.93	662.77	2,101.14	1.13	-0.94	0.63	2,313.72
11,885.00	89.70	18.40	MWD	12/28/2...	Native...	9,960.47	2,024.32	672.60	2,132.12	1.74	-1.61	-0.65	2,344.72
11,916.00	88.50	17.70	MWD	12/28/2...	Native...	9,960.95	2,053.79	682.21	2,163.11	4.48	-3.87	-2.26	2,375.71
11,948.00	89.10	18.30	MWD	12/28/2...	Native...	9,961.62	2,084.22	692.09	2,195.09	2.65	1.87	1.88	2,407.71
11,979.00	89.80	18.40	MWD	12/28/2...	Native...	9,961.92	2,113.64	701.85	2,226.08	2.28	2.26	0.32	2,438.70
12,010.00	89.80	18.10	MWD	12/28/2...	Native...	9,962.03	2,143.08	711.56	2,257.06	0.97	0.00	-0.97	2,469.70
12,042.00	90.20	17.90	MWD	12/28/2...	Native...	9,962.03	2,173.52	721.45	2,289.05	1.40	1.25	-0.63	2,501.70
12,076.00	90.80	18.60	MWD	12/28/2...	Native...	9,961.73	2,205.81	732.10	2,323.04	2.71	1.76	2.06	2,535.70
12,105.00	90.00	18.40	MWD	12/28/2...	Native...	9,961.53	2,233.31	741.30	2,352.02	2.84	-2.76	-0.69	2,564.70
12,136.00	89.40	18.50	MWD	12/28/2...	Native...	9,961.69	2,262.71	751.11	2,383.00	1.96	-1.94	0.32	2,595.70
12,167.00	89.70	17.60	MWD	12/29/2...	Native...	9,961.94	2,292.19	760.71	2,413.99	3.06	0.97	-2.90	2,626.70
12,199.00	90.20	18.30	MWD	12/29/2...	Native...	9,961.96	2,322.63	770.58	2,445.98	2.69	1.56	2.19	2,658.70
12,231.00	90.70	18.50	MWD	12/29/2...	Native...	9,961.71	2,352.99	780.68	2,477.97	1.68	1.56	0.62	2,690.70
12,262.00	91.10	18.80	MWD	12/29/2...	Native...	9,961.23	2,382.36	790.59	2,508.94	1.61	1.29	0.97	2,721.69
12,293.00	89.50	18.20	MWD	12/29/2...	Native...	9,961.06	2,411.76	800.42	2,539.93	5.51	-5.16	-1.94	2,752.69
12,325.00	89.90	18.00	MWD	12/29/2...	Native...	9,961.23	2,442.17	810.37	2,571.91	1.40	1.25	-0.62	2,784.69
12,356.00	88.70	17.30	MWD	12/29/2...	Native...	9,961.61	2,471.71	819.76	2,602.91	4.48	-3.87	-2.26	2,815.69
12,388.00	88.50	17.20	MWD	12/29/2...	Native...	9,962.39	2,502.26	829.25	2,634.89	0.70	-0.63	-0.31	2,847.68
12,419.00	88.60	16.80	MWD	12/29/2...	Native...	9,963.18	2,531.90	838.31	2,665.88	1.33	0.32	-1.29	2,878.67
12,451.00	89.20	17.60	MWD	12/29/2...	Native...	9,963.79	2,562.46	847.77	2,697.88	3.12	1.88	2.50	2,910.66

Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
12,482.00	90.50	17.40	MWD	12/29/2...	Native...	9,963.87	2,592.02	857.09	2,728.87	4.24	4.19	-0.65	2,941.66
12,514.00	88.60	17.90	MWD	12/29/2...	Native...	9,964.12	2,622.52	866.80	2,760.86	6.14	-5.94	1.56	2,973.66
12,545.00	88.20	17.40	MWD	12/29/2...	Native...	9,964.99	2,652.04	876.19	2,791.85	2.07	-1.29	-1.61	3,004.65
12,576.00	87.90	16.90	MWD	12/29/2...	Native...	9,966.04	2,681.65	885.33	2,822.83	1.88	-0.97	-1.61	3,035.63
12,608.00	88.80	17.20	MWD	12/29/2...	Native...	9,966.97	2,712.23	894.71	2,854.81	2.96	2.81	0.94	3,067.62
12,639.00	89.20	17.50	MWD	12/30/2...	Native...	9,967.51	2,741.81	903.95	2,885.80	1.61	1.29	0.97	3,098.61
12,671.00	88.00	17.20	MWD	12/30/2...	Native...	9,968.29	2,772.35	913.49	2,917.79	3.87	-3.75	-0.94	3,130.60
12,702.00	87.80	17.20	MWD	12/30/2...	Native...	9,969.42	2,801.94	922.65	2,948.77	0.65	-0.65	0.00	3,161.58
12,733.00	88.60	17.90	MWD	12/30/2...	Native...	9,970.40	2,831.48	931.99	2,979.75	3.43	2.58	2.26	3,192.56
12,765.00	88.60	17.90	MWD	12/30/2...	Native...	9,971.18	2,861.93	941.82	3,011.73	0.00	0.00	0.00	3,224.55
12,797.00	88.70	17.70	MWD	12/30/2...	Native...	9,971.93	2,892.39	951.60	3,043.72	0.70	0.31	-0.62	3,256.55
12,828.00	89.50	17.90	MWD	12/30/2...	Native...	9,972.42	2,921.90	961.08	3,074.71	2.66	2.58	0.65	3,287.54
12,859.00	90.30	18.20	MWD	12/30/2...	Native...	9,972.47	2,951.37	970.68	3,105.70	2.76	2.58	0.97	3,318.54
12,891.00	89.30	17.30	MWD	12/30/2...	Native...	9,972.59	2,981.85	980.44	3,137.69	4.20	-3.13	-2.81	3,350.54
12,922.00	88.70	17.90	MWD	12/30/2...	Native...	9,973.13	3,011.39	989.81	3,168.68	2.74	-1.94	1.94	3,381.54
12,954.00	89.40	17.90	MWD	12/30/2...	Native...	9,973.66	3,041.84	999.65	3,200.67	2.19	2.19	0.00	3,413.53
12,986.00	90.00	18.70	MWD	12/30/2...	Native...	9,973.83	3,072.22	1,009.69	3,232.65	3.12	1.87	2.50	3,445.53
13,017.00	90.50	18.70	MWD	12/30/2...	Native...	9,973.69	3,101.58	1,019.63	3,263.63	1.61	1.61	0.00	3,476.53
13,049.00	89.50	18.00	MWD	12/30/2...	Native...	9,973.69	3,131.96	1,029.71	3,295.61	3.81	-3.13	-2.19	3,508.53
13,080.00	87.00	17.60	MWD	12/30/2...	Native...	9,974.64	3,161.45	1,039.18	3,326.59	8.17	-8.06	-1.29	3,539.51
13,112.00	87.30	17.60	MWD	12/30/2...	Native...	9,976.23	3,191.92	1,048.84	3,358.55	0.94	0.94	0.00	3,571.47
13,143.00	88.00	18.20	MWD	12/30/2...	Native...	9,977.50	3,221.39	1,058.36	3,389.51	2.97	2.26	1.94	3,602.45
13,174.00	88.40	18.20	MWD	12/30/2...	Native...	9,978.47	3,250.83	1,068.04	3,420.48	1.29	1.29	0.00	3,633.43
13,206.00	88.90	18.20	MWD	12/30/2...	Native...	9,979.23	3,281.22	1,078.03	3,452.46	1.56	1.56	0.00	3,665.42
13,238.00	89.10	18.10	MWD	12/30/2...	Native...	9,979.79	3,311.62	1,088.00	3,484.45	0.70	0.62	-0.31	3,697.42
13,269.00	89.50	18.00	MWD	12/30/2...	Native...	9,980.16	3,341.09	1,097.60	3,515.43	1.33	1.29	-0.32	3,728.41
13,300.00	89.30	17.90	MWD	12/30/2...	Native...	9,980.49	3,370.58	1,107.16	3,546.42	0.72	-0.65	-0.32	3,759.41
13,332.00	89.00	17.60	MWD	12/30/2...	Native...	9,980.96	3,401.06	1,116.91	3,578.41	1.33	-0.94	-0.94	3,791.41
13,363.00	89.60	17.60	MWD	12/30/2...	Native...	9,981.34	3,430.60	1,126.28	3,609.41	1.94	1.94	0.00	3,822.41
13,395.00	90.20	17.90	MWD	12/31/2...	Native...	9,981.40	3,461.08	1,136.04	3,641.40	2.10	1.88	0.94	3,854.41
13,426.00	90.70	18.10	MWD	12/31/2...	Native...	9,981.15	3,490.56	1,145.62	3,672.39	1.74	1.61	0.65	3,885.40
13,457.00	91.40	18.20	MWD	12/31/2...	Native...	9,980.59	3,520.01	1,155.27	3,703.37	2.28	2.26	0.32	3,916.40
13,489.00	89.10	17.60	MWD	12/31/2...	Native...	9,980.45	3,550.46	1,165.11	3,735.36	7.43	-7.19	-1.87	3,948.40
13,520.00	89.20	18.20	MWD	12/31/2...	Native...	9,980.91	3,579.96	1,174.63	3,766.35	1.96	0.32	1.94	3,979.39
13,552.00	89.60	18.50	MWD	12/31/2...	Native...	9,981.24	3,610.33	1,184.71	3,798.34	1.56	1.25	0.94	4,011.39
13,583.00	89.90	18.60	MWD	12/31/2...	Native...	9,981.38	3,639.72	1,194.57	3,829.32	1.02	0.97	0.32	4,042.39
13,615.00	90.50	18.60	MWD	12/31/2...	Native...	9,981.27	3,670.05	1,204.78	3,861.30	1.87	1.87	0.00	4,074.39
13,646.00	90.80	18.70	MWD	12/31/2...	Native...	9,980.91	3,699.42	1,214.69	3,892.28	1.02	0.97	0.32	4,105.39
13,678.00	91.00	18.40	MWD	12/31/2...	Native...	9,980.41	3,729.75	1,224.87	3,924.25	1.13	0.63	-0.94	4,137.38
13,709.00	89.40	18.50	MWD	12/31/2...	Native...	9,980.30	3,759.16	1,234.68	3,955.24	5.17	-5.16	0.32	4,168.38
13,741.00	90.00	18.20	MWD	12/31/2...	Native...	9,980.47	3,789.53	1,244.75	3,987.22	2.10	1.87	-0.94	4,200.38
13,772.00	89.90	18.10	MWD	12/31/2...	Native...	9,980.50	3,818.99	1,254.41	4,018.21	0.46	-0.32	-0.32	4,231.38
13,804.00	88.80	17.90	MWD	12/31/2...	Native...	9,980.86	3,849.42	1,264.30	4,050.20	3.49	-3.44	-0.63	4,263.38
13,835.00	89.00	18.10	MWD	12/31/2...	Native...	9,981.46	3,878.89	1,273.87	4,081.18	0.91	0.65	0.65	4,294.37
13,867.00	88.60	17.90	MWD	12/31/2...	Native...	9,982.13	3,909.32	1,283.76	4,113.17	1.40	-1.25	-0.63	4,326.37
13,898.00	88.50	17.90	MWD	12/31/2...	Native...	9,982.91	3,938.81	1,293.29	4,144.15	0.32	-0.32	0.00	4,357.36
13,929.00	89.00	17.90	MWD	12/31/2...	Native...	9,983.59	3,968.30	1,302.81	4,175.13	1.61	1.61	0.00	4,388.35
13,961.00	88.60	18.40	MWD	12/31/2...	Native...	9,984.26	3,998.71	1,312.78	4,207.11	2.00	-1.25	1.56	4,420.34
13,992.00	88.70	18.80	MWD	12/31/2...	Native...	9,984.99	4,028.08	1,322.66	4,238.09	1.33	0.32	1.29	4,451.33
14,024.00	88.30	18.70	MWD	12/31/2...	Native...	9,985.82	4,058.37	1,332.95	4,270.05	1.29	-1.25	-0.31	4,483.32
14,055.00	87.60	18.30	MWD	12/31/2...	Native...	9,986.93	4,087.75	1,342.78	4,301.02	2.60	-2.26	-1.29	4,514.30

QEP

Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
14,086.00	88.00	18.40	MWD	1/1/2015	Native...	9,988.12	4,117.15	1,352.53	4,331.98	1.33	1.29	0.32	4,545.28
14,118.00	89.50	18.50	MWD	1/1/2015	Native...	9,988.82	4,147.50	1,362.65	4,363.95	4.70	4.69	0.31	4,577.27
14,149.00	88.90	17.90	MWD	1/1/2015	Native...	9,989.25	4,176.94	1,372.33	4,394.94	2.74	-1.94	-1.94	4,608.27
14,181.00	91.20	19.00	MWD	1/1/2015	Native...	9,989.23	4,207.30	1,382.46	4,426.92	7.97	7.19	3.44	4,640.27
14,212.00	92.70	19.60	MWD	1/1/2015	Native...	9,988.17	4,236.54	1,392.70	4,457.87	5.21	4.84	1.94	4,671.25
14,244.00	92.60	20.80	MWD	1/1/2015	Native...	9,986.69	4,266.53	1,403.74	4,489.77	3.76	-0.31	3.75	4,703.21
14,258.00	92.00	20.90	MWD	1/2/2015	Native...	9,986.13	4,279.61	1,408.72	4,503.72	4.34	-4.29	0.71	4,717.20
14,289.00	90.40	20.70	MWD	1/2/2015	Native...	9,985.48	4,308.58	1,419.72	4,534.63	5.20	-5.16	-0.65	4,748.19
14,321.00	89.30	20.70	MWD	1/2/2015	Native...	9,985.56	4,338.51	1,431.03	4,566.55	3.44	-3.44	0.00	4,780.19
14,352.00	88.90	20.20	MWD	1/2/2015	Native...	9,986.05	4,367.56	1,441.86	4,597.47	2.07	-1.29	-1.61	4,811.19
14,383.00	88.90	19.80	MWD	1/2/2015	Native...	9,986.65	4,396.68	1,452.46	4,628.41	1.29	0.00	-1.29	4,842.18
14,414.00	89.00	19.50	MWD	1/2/2015	Native...	9,987.21	4,425.87	1,462.89	4,659.37	1.02	0.32	-0.97	4,873.18
14,446.00	88.80	19.00	MWD	1/2/2015	Native...	9,987.83	4,456.08	1,473.43	4,691.33	1.68	-0.63	-1.56	4,905.17
14,478.00	89.10	19.30	MWD	1/2/2015	Native...	9,988.42	4,486.30	1,483.93	4,723.29	1.33	0.94	0.94	4,937.17
14,509.00	89.70	20.30	MWD	1/2/2015	Native...	9,988.74	4,515.47	1,494.43	4,754.24	3.76	1.94	3.23	4,968.16
14,540.00	90.40	20.40	MWD	1/2/2015	Native...	9,988.71	4,544.53	1,505.21	4,785.17	2.28	2.26	0.32	4,999.16
14,572.00	88.10	19.10	MWD	1/2/2015	Native...	9,989.13	4,574.64	1,516.02	4,817.12	8.26	-7.19	-4.06	5,031.16
14,603.00	87.80	18.60	MWD	1/2/2015	Native...	9,990.24	4,603.96	1,526.03	4,848.07	1.88	-0.97	-1.61	5,062.14
14,634.00	87.50	18.60	MWD	1/2/2015	Native...	9,991.51	4,633.32	1,535.91	4,879.03	0.97	-0.97	0.00	5,093.11
14,666.00	87.90	18.80	MWD	1/2/2015	Native...	9,992.80	4,663.60	1,546.16	4,910.98	1.40	1.25	0.62	5,125.09
14,697.00	87.40	18.10	MWD	1/2/2015	Native...	9,994.07	4,692.98	1,555.96	4,941.94	2.77	-1.61	-2.26	5,156.06
14,729.00	86.90	17.00	MWD	1/2/2015	Native...	9,995.66	4,723.46	1,565.60	4,973.90	3.77	-1.56	-3.44	5,188.02
14,760.00	87.20	17.60	MWD	1/2/2015	Native...	9,997.25	4,753.02	1,574.81	5,004.85	2.16	0.97	1.94	5,218.98
14,792.00	87.30	17.60	MWD	1/2/2015	Native...	9,998.79	4,783.48	1,584.47	5,036.81	0.31	0.31	0.00	5,250.94
14,823.00	89.40	18.30	MWD	1/2/2015	Native...	9,999.68	4,812.96	1,594.02	5,067.79	7.14	6.77	2.26	5,281.93
14,855.00	89.90	18.60	MWD	1/2/2015	Native...	9,999.88	4,843.31	1,604.15	5,099.77	1.82	1.56	0.94	5,313.93
14,886.00	89.70	19.30	MWD	1/2/2015	Native...	9,999.99	4,872.63	1,614.22	5,130.74	2.35	-0.65	2.26	5,344.93
14,917.00	89.40	19.50	MWD	1/2/2015	Native...	10,000.23	4,901.87	1,624.51	5,161.71	1.16	-0.97	0.65	5,375.92
14,949.00	90.00	20.10	MWD	1/2/2015	Native...	10,000.40	4,931.98	1,635.35	5,193.66	2.65	1.87	1.88	5,407.92
14,980.00	90.30	20.40	MWD	1/3/2015	Native...	10,000.32	4,961.06	1,646.08	5,224.59	1.37	0.97	0.97	5,438.92
15,012.00	91.00	20.40	MWD	1/3/2015	Native...	9,999.95	4,991.05	1,657.23	5,256.52	2.19	2.19	0.00	5,470.92
15,043.00	91.00	20.20	MWD	1/3/2015	Native...	9,999.41	5,020.12	1,667.99	5,287.45	0.65	0.00	-0.65	5,501.92
15,074.00	89.90	19.00	MWD	1/3/2015	Native...	9,999.17	5,049.33	1,678.39	5,318.41	5.25	-3.55	-3.87	5,532.91
15,106.00	86.90	17.90	MWD	1/3/2015	Native...	10,000.06	5,079.67	1,688.51	5,350.37	9.98	-9.38	-3.44	5,564.90
15,137.00	86.90	17.20	MWD	1/3/2015	Native...	10,001.74	5,109.18	1,697.84	5,381.32	2.25	0.00	-2.26	5,595.85
15,169.00	87.10	17.90	MWD	1/3/2015	Native...	10,003.41	5,139.65	1,707.48	5,413.28	2.27	0.62	2.19	5,627.81
15,200.00	90.10	18.50	MWD	1/3/2015	Native...	10,004.17	5,169.08	1,717.16	5,444.25	9.87	9.68	1.94	5,658.80
15,231.00	90.90	18.90	MWD	1/3/2015	Native...	10,003.90	5,198.45	1,727.09	5,475.23	2.89	2.58	1.29	5,689.79
15,263.00	89.80	18.40	MWD	1/3/2015	Native...	10,003.70	5,228.77	1,737.33	5,507.21	3.78	-3.44	-1.56	5,721.79
15,294.00	89.50	17.90	MWD	1/3/2015	Native...	10,003.89	5,258.22	1,746.98	5,538.20	1.88	-0.97	-1.61	5,752.79
15,326.00	88.40	16.00	MWD	1/3/2015	Native...	10,004.48	5,288.83	1,756.31	5,570.19	6.86	-3.44	-5.94	5,784.78
15,357.00	88.30	15.40	MWD	1/3/2015	Native...	10,005.37	5,318.66	1,764.70	5,601.17	1.96	-0.32	-1.94	5,815.77
15,389.00	86.90	15.00	MWD	1/3/2015	Native...	10,006.71	5,349.51	1,773.08	5,633.13	4.55	-4.37	-1.25	5,847.74
15,420.00	85.90	14.80	MWD	1/3/2015	Native...	10,008.66	5,379.41	1,781.03	5,664.06	3.29	-3.23	-0.65	5,878.68
15,452.00	87.40	15.50	MWD	1/3/2015	Native...	10,010.53	5,410.24	1,789.38	5,695.99	5.17	4.69	2.19	5,910.63
15,483.00	89.10	15.70	MWD	1/3/2015	Native...	10,011.48	5,440.08	1,797.72	5,726.97	5.52	5.48	0.65	5,941.61
15,515.00	88.10	15.00	MWD	1/3/2015	Native...	10,012.26	5,470.93	1,806.18	5,758.95	3.81	-3.13	-2.19	5,973.60
15,546.00	86.60	14.50	MWD	1/3/2015	Native...	10,013.69	5,500.88	1,814.07	5,789.90	5.10	-4.84	-1.61	6,004.57
15,577.00	86.20	14.90	MWD	1/3/2015	Native...	10,015.64	5,530.80	1,821.92	5,820.82	1.82	-1.29	1.29	6,035.50
15,609.00	86.90	14.40	MWD	1/4/2015	Native...	10,017.56	5,561.71	1,830.00	5,852.75	2.69	2.19	-1.56	6,067.45
15,641.00	86.40	14.60	MWD	1/4/2015	Native...	10,019.43	5,592.63	1,838.00	5,884.67	1.68	-1.56	0.62	6,099.39

Directional Survey

Well Name: RW 44-25B

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-R23E	RED WASH	UINTAH	UTAH	Horizontal

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00	30.00	11/18/2014 08:00	1/5/2015 09:30

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
15,672.00	88.40	14.30	MWD	1/4/2015	Native...	10,020.84	5,622.62	1,845.72	5,915.61	6.52	6.45	-0.97	6,130.36
15,703.00	89.30	15.00	MWD	1/4/2015	Native...	10,021.46	5,652.61	1,853.56	5,946.59	3.68	2.90	2.26	6,161.35
15,735.00	91.00	15.40	MWD	1/4/2015	Native...	10,021.38	5,683.49	1,861.95	5,978.58	5.46	5.31	1.25	6,193.35
15,766.00	91.20	15.70	MWD	1/4/2015	Native...	10,020.78	5,713.35	1,870.26	6,009.57	1.16	0.65	0.97	6,224.34
15,798.00	91.30	15.70	MWD	1/4/2015	Native...	10,020.08	5,744.15	1,878.92	6,041.56	0.31	0.31	0.00	6,256.34
15,829.00	91.30	15.80	MWD	1/4/2015	Native...	10,019.38	5,773.97	1,887.33	6,072.54	0.32	0.00	0.32	6,287.33
15,861.00	91.40	14.90	MWD	1/4/2015	Native...	10,018.63	5,804.82	1,895.80	6,104.53	2.83	0.31	-2.81	6,319.32
15,892.00	92.30	15.80	MWD	1/4/2015	Native...	10,017.63	5,834.70	1,904.00	6,135.50	4.10	2.90	2.90	6,350.30
15,924.00	92.60	15.60	MWD	1/4/2015	Native...	10,016.26	5,865.48	1,912.65	6,167.47	1.13	0.94	-0.63	6,382.27
15,955.00	92.00	14.80	MWD	1/4/2015	Native...	10,015.01	5,895.37	1,920.77	6,198.44	3.22	-1.94	-2.58	6,413.25
15,986.00	92.50	14.90	MWD	1/5/2015	Native...	10,013.80	5,925.31	1,928.71	6,229.40	1.64	1.61	0.32	6,444.22
16,018.00	93.50	15.40	MWD	1/5/2015	Native...	10,012.12	5,956.16	1,937.06	6,261.34	3.49	3.13	1.56	6,476.18
16,049.00	92.90	15.70	MWD	1/5/2015	Native...	10,010.39	5,985.97	1,945.36	6,292.29	2.16	-1.94	0.97	6,507.13
16,081.00	92.40	16.60	MWD	1/5/2015	Native...	10,008.91	6,016.68	1,954.25	6,324.25	3.21	-1.56	2.81	6,539.10
16,100.00	91.50	15.70	MWD	1/5/2015	Native...	10,008.27	6,034.92	1,959.53	6,343.24	6.70	-4.74	-4.74	6,558.08

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU0823

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
RED WASH

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
RW 44-25B

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

9. API NUMBER:
43047517190000

3. ADDRESS OF OPERATOR:
11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER:
303 595-5919 Ext

9. FIELD and POOL or WILDCAT:
RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0645 FSL 0813 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 25 Township: 07.0S Range: 23.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/22/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Run tubing

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that QEP Energy Company ran 2-3/8" tubing on the above captioned well on July 22, 2015. Please note, no tubing was ran at the time of initial completion.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 27, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Laura Abrams	303 260-6745	Sr. Regualtory Affairs Analyst
SIGNATURE		**DATE**
N/A		7/23/2015

RECEIVED: Jul. 23, 2015